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6273

1911

MICHELL'S RELIABLE BULBS

HYACINTH
"KING OF THE BLUES"

LATE SINGLE
SHOW TULIP
"LA MERVEILLE"

GIANT
SINGLE NARCISSUS
"EMPRESS"



HENRY F. MICHELL CO.

Growers of

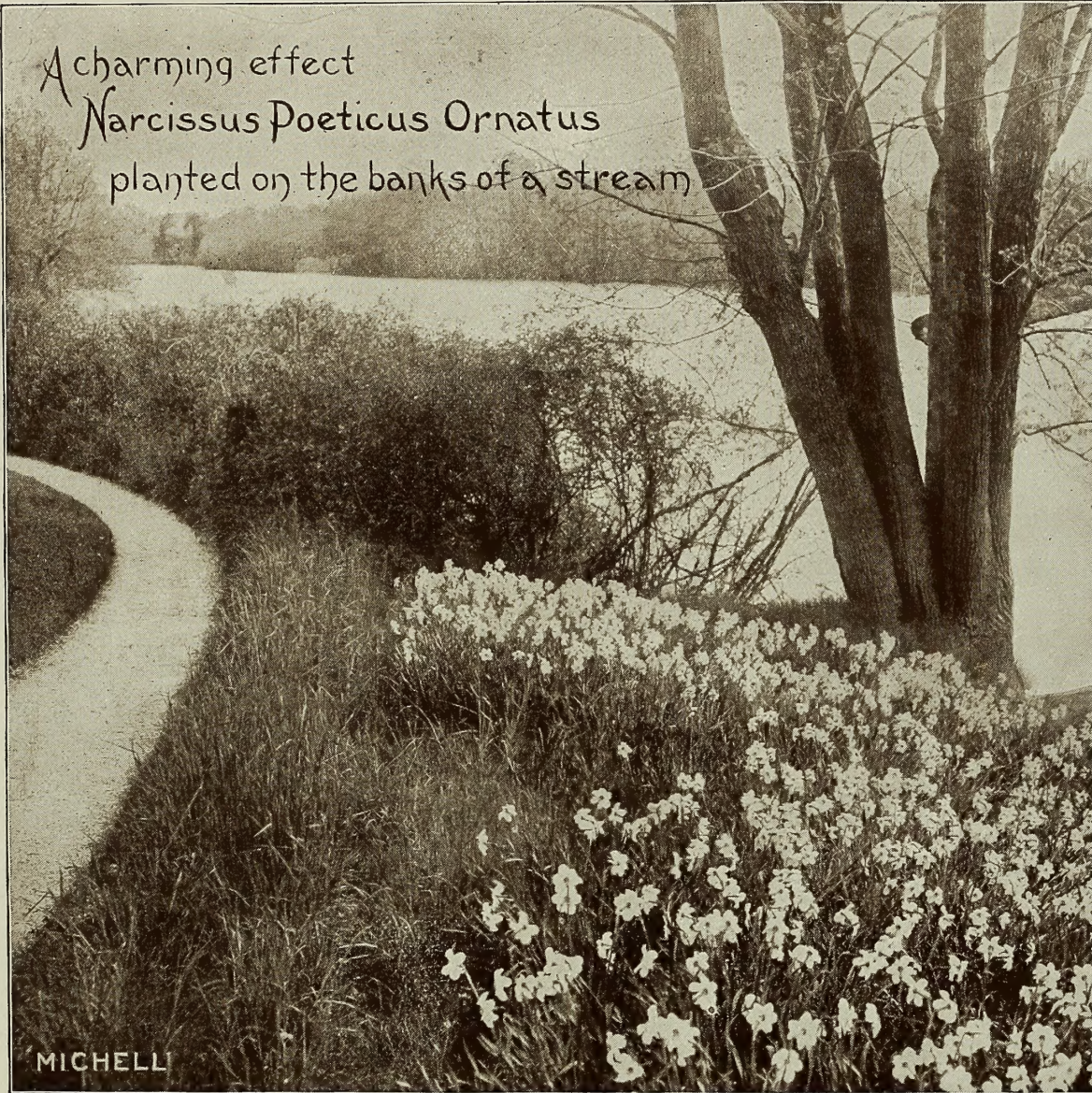
SEEDS AND BULBS

518 MARKET ST., PHILADELPHIA

PLEASE NOTE OUR NEW ADDRESS

BULBS FOR NATURALIZING

A charming effect
Narcissus Poeticus Ornatus
planted on the banks of a stream



Suited for Planting in Meadows, Fields, Woods, Etc.

The naturalizing of bulbs is now growing in favor just as much as the promiscuous sowing of flower seeds, and setting of plants, for wild garden effect.

Daffodils or Narcissus, Grape Hyacinths, Chi- onodoxa, Scilla, Ornitho- galum

and others, when once planted, remain for years, and the clumps increase in size and vigor.

Under this heading are those suited to various conditions, and the price is within the reach of every one. It is advisable to add each year to plantings already established, to increase the collection and to replace any that may have naturally died out by reason of long establishment or otherwise. We can also suggest and supply other bulbs, roots or plants for this purpose.

FOR PLANTING ON THE LAWN

| | (Doing well in sun or shade) | Per 100 | 1,000 |
|------------------------------------------------------------------|------------------------------|---------|---------|
| Crocus (Colchicum), Fall-blooming | | \$3 50 | \$32 50 |
| " Spring-blooming, Mixed Colors | | 40 | 3 75 |
| " " Giant Yellow | | 1 35 | 10 00 |
| " " Mammoth Yellow | | 1 00 | 8 00 |
| " " Named Sorts, Separate. | | 80 | 7 00 |
| Chionodoxa (Glory-of-the-Snow), Luciliae | | 1 00 | 8 00 |
| " Sardensis | | 1 00 | 8 00 |
| Feathered Hyacinths, Blue | | 1 25 | 10 00 |
| Grape Hyacinths, Blue | | 60 | 5 00 |
| " White | | 1 00 | 8 00 |
| Scilla Sibirica (Squills) | | 1 25 | 10 00 |
| Snowdrop, Single Giant Elwesii | | 75 | 6 50 |
| " Double | | 1 50 | 12 00 |

FOR WOODLANDS

| | | |
|---------------------------------------------------------|-------|-------|
| Erantis hyemalis (Winter Aconite) | 1 00 | 7 50 |
| Lily-of-the-Valley Clumps, doz. \$2.50 | 18 00 | |
| Ornithogalum (Star of Bethlehem) | 2 50 | 22 50 |
| Puschkinia Libanotica (Striped Squill) | 1 50 | 12 00 |
| Scilla campanulata, Blue | 1 00 | 7 50 |
| " White | 1 25 | 10 00 |

FOR ORCHARDS, FIELDS, AND ALONG STREAMS

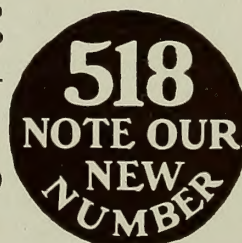
| | Per 100 | 1,000 |
|-------------------------------------------------------|---------|--------|
| Narcissus, Single Poeticus | \$0 75 | \$6 00 |
| " Single Leedsii, Mrs. Langtry | 1 25 | 10 00 |
| " Single Cynosure | 1 25 | 8 00 |
| " Single Trumpet Major, Dutch | 1 50 | 12 00 |
| " Single Mixed | 1 00 | 8 00 |
| " Double Mixed | 1 00 | 8 50 |
| " Double Von Sion | 1 75 | 16 00 |
| " Double Incomparable | 1 50 | 12 00 |
| Darwin Tulips. Sure bloomers | 1 50 | 12 00 |
| Single Late Tulips, Mixed | 1 50 | 12 00 |
| Crocus in Variety. See opposite column at top. | | |

Descriptions of these Bulbs will be found under their respective headings in the body of the Catalogue

Smaller quantities than those quoted above can be supplied. Prices will be found in the body of Catalogue.

Henry F. Michell Co.,

"Evergreen" Seed Gardens, Torresdale, Pa.



Market St., Philadelphia

Brief Cultural Directions on a few of the Most Important Bulbs

HYACINTHS

Directions for Planting in the Open Ground.—This should be done in October and November, but they can be set out at any time, as long as the ground is open and the bulbs remain sound, but early planting always insures good root development and thorough establishment. The best compost for their culture is the following: One-third sand, one-third well rotted cow manure and one-third good garden mould; or, where the soil is naturally light, well rotted cow manure liberally intermixed is sufficient. Special care should be taken not to add any bone fertilizers, as they usually draw vermin. The beds composed of the above compost should be well dug to a depth of fourteen inches, and raised from two to four inches above the level of the walks. Care must be taken not to press the earth too firmly around and over the bulbs. After planting, rake the bed smooth, and after the ground has frozen tolerably hard in early winter cover with dry litter, leaves or coarse manure. If this be applied before freezing weather it renders the bulbs liable to the predations of field mice.

For Culture in Pots.—Prepare the above compost, adding, if possible, a quantity of leaf mould. The most favorable time for planting is September, October and November. The size of the pot depends on the number of bulbs planted in a single one; three bulbs in a pot of, say, six inches diameter make a rich, massive effect; one or two bulbs in each may be planted in proportionately smaller pots—two bulbs in each are very effective. When planted water them well, then bury the pots in the open ground to the depth of six inches for eight weeks, in which condition the preparatory root growth necessary to a vigorous development of their flower spikes is made. After this period take up the pots and remove them to a room not heated, but not so cold as to freeze. Being exposed to the light for the first time, they are, of course, very delicate. Care should, therefore, be exercised not to place them in the direct rays of the sun for two or three days.

For Growing in Glasses.—Single varieties are the best for this purpose, as they produce much more satisfactory blooms than the double ones. Place the bulb in the glass, which should be filled with water so it touches the bottom of the bulb, place them in a cool place, in the dark,

changing the water every ten days or two weeks; keep them in the dark from six to eight weeks, then remove them to the light. If then kept in a cool room they will produce very fine spikes.

A small piece of lump charcoal placed in the water will prevent it from getting foul.

TULIPS

For Bedding Out.—The bed should be formed of a compost similar to that recommended for Hyacinths; the bulbs should be planted about four inches apart and about five inches deep (close planting makes a much finer effect and prevents the flowers breaking off when swaying in the wind); they should then be covered with a litter shortly before the severe freezing weather sets in, and left in this condition until spring approaches.

For Pot or Pan Culture.—Plant about four bulbs in a six-inch pot or five bulbs in a six-inch pan, water thoroughly and then remove to the open ground or in a cold frame, covering with coal ashes; after they have rooted thoroughly they should be brought into a moderately cool room and gradually warmer; by bringing in a fresh supply from the outside every ten days, they can be had in bloom continually.

NARCISSUS

The double and single trumpet varieties should be planted in soil. For indoor culture, plant in boxes or pots, and treat similar to Hyacinths. Chinese Lilies and Paper White Narcissus, and the Polyanthus types, such as Grand Soleil d'Or, etc., succeed very well and are quite interesting if planted in water and pebbles, as one can watch their progress of growth. A small lump of charcoal prevents the water from getting foul, although changes of water are advisable.

CROCUS

A real show can be obtained from these tiny bulbs. They will bloom in a few weeks from time of planting inside. Place a few bulbs, or as many as the size of crock will warrant. In a short space of time the bulb will make a grand display. Planted out in the open ground, they bloom among the first of the spring flowers.

Distances for Planting apart some of the most important Bulbs outdoors

- Aconite.** 3 to 4 inches.
- Anemone.** 8 to 10 inches.
- Chionodoxa.** 4 to 5 inches.
- Crown Imperials.** 1 foot to 15 inches.
- Crocus.** 2 to 3 inches.
- Colchicum.** 6 to 8 inches.
- Daffodils.** 5 to 6 inches.
- Dielytra.** 3 to 4 feet.
- Hyacinths.** Bedding sorts, 5 to 6 inches.
- Hyacinths (Grape).** 3 to 4 inches.
- Iris, Japanese.** 2 to 3 feet.
- Iris, Spanish.** 4 to 5 inches.
- Iris, English.** 6 to 8 inches.
- Ixias.** 3 to 4 inches.
- Jonquils.** 3 to 4 inches.
- Lilium Candidum.** 1 to 2 feet.
- Lilium Japan Varieties.** 1 to 2 feet.
- Lily of the Valley (Clumps).** 1 to 2 feet.
- Paeonies.** 2 to 3 feet.
- Ranunculus.** 4 to 5 inches.
- Snowdrops.** 3 to 4 inches.
- Scilla.** 3 to 4 inches.
- Sparaxis.** 3 to 4 inches.
- Spirea.** 1 to 2 feet.
- Star of Bethlehem.** 5 to 6 inches.
- Tulips.** 4 to 6 inches.

Number of Bulbs required for Planting Circular Beds at distances noted below

Oval beds require very much the same number, although we will be glad to give the exact information whenever desired, also for other sized or shaped beds.

DISTANCES FOR PLANTING APART

| DIAMETER OF BED | 3 inches apart | 4 inches apart | 6 inches apart | 8 inches apart | 10 inches apart | 12 inches apart |
|-----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
| 2 feet | 61 | 37 | 19 | | | |
| 3 " | 127 | 95 | 37 | | | |
| 4 " | 217 | 127 | 61 | 37 | 24 | 19 |
| 5 " | 331 | 225 | 91 | 69 | 37 | 25 |
| 6 " | 469 | 271 | 127 | 78 | 52 | 37 |
| 7 " | 631 | 410 | 169 | 96 | 71 | 48 |
| 8 " | 817 | 469 | 217 | 127 | 85 | 61 |
| 9 " | 1027 | 650 | 271 | 156 | 110 | 74 |
| 10 " | 1261 | 721 | 331 | 190 | 127 | 91 |
| 11 " | 1519 | 940 | 397 | 240 | 150 | 110 |
| 12 " | 1801 | 1027 | 469 | 271 | 169 | 127 |
| 13 " | 2107 | 1280 | 543 | 318 | 200 | 150 |
| 14 " | 2437 | 1387 | 631 | 360 | 240 | 169 |
| 15 " | 2791 | 1670 | 721 | 420 | 271 | 200 |
| 16 " | 3169 | 1801 | 817 | 469 | 318 | 217 |
| 17 " | 3571 | 2140 | 919 | 543 | 360 | 240 |
| 18 " | 4037 | 2269 | 1027 | 590 | 390 | 271 |
| 19 " | 4487 | 2640 | 1141 | 631 | 420 | 318 |
| 20 " | 4961 | 2791 | 1261 | 721 | 469 | 331 |
| 21 " | 5459 | 3210 | 1387 | 785 | 540 | 360 |
| 22 " | 6981 | 3367 | 1519 | 817 | 590 | 397 |
| 23 " | 7527 | 3870 | 1659 | 945 | 625 | 420 |
| 24 " | 8097 | 4037 | 1801 | 1027 | 670 | 469 |
| 25 " | 8691 | 4325 | 1951 | 1165 | 721 | 590 |



BUREAU OF CITY PROPERTY

113 CITY HALL

PHILADELPHIA

May 15th 1911

Henry F. Mitchell Co.
518 Market St. Philad.

Gentlemen:

I congratulate you on being awarded the contract for supplying this City with bulbs for the ensuing season.

That you have received this award exclusively for the past twelve consecutive years, emphasizes the fact, that the quality of the Hyacinths, Tulips and Narcissus, etc., furnished the city by you, has been up to the highest standard of excellence in every respect, and has given general satisfaction to the public at large.

This refers to an order of 13,500 Bulbs

Yours very truly
John C. Lewis
City Forester & Landscape Gardener.



MICHELL'S SUPERB (FIRST SIZE) NAMED HYACINTHS

These bulbs are selected especially for our critical trade, and are the best to be obtained. Our customers may depend upon getting only the very choicest, as our list embraces such sorts as have won prizes at horticultural exhibitions.

Note—To assist customers in selecting varieties that will bloom together, we have affixed the letters E, M, and L; signifying, E for early sorts, M for mid-season sorts, and L for late sorts.

| | | SINGLE BLUE. | Each | Doz. | 100 |
|---|---------------------------------------------|--------------|--------|--------|--------|
| L | Blue Mourant. Deep blue | ..... | \$0.10 | \$1.00 | \$7.00 |
| M | Chas. Dickens. Porcelain | ..... | .10 | 1.00 | 7.00 |
| M | Czar Peter. Porcelain, large spikes. | ..... | .12 | 1.20 | 8.00 |
| M | Grand Maitre. Bright, very fine | ..... | .10 | 1.00 | 7.00 |
| M | Haydn. Violet, good spike | ..... | .10 | 1.00 | 7.00 |
| L | King of the Blues. Bright blue | ..... | .10 | 1.00 | 7.00 |
| E | Leonidas. Light, large truss | ..... | .10 | 1.00 | 7.00 |
| L | Queen of the Blues. Porcelain | ..... | .12 | 1.20 | 8.00 |

SINGLE PINK.

| | | | | | |
|---|-------------------------------------------|-------|-----|------|------|
| E | Baron von Thuyl. Light rose | ..... | .10 | 1.00 | 7.00 |
| M | Gertrude. Fine, deep pink | ..... | .10 | 1.00 | 7.00 |
| M | Gigantea. Light, good truss | ..... | .10 | 1.00 | 7.00 |
| L | Cardinal Wiseman. Rosy pink, large | ..... | .10 | 1.00 | 7.00 |
| M | Maria Cornelia. Rose, very early | ..... | .12 | 1.20 | 8.00 |
| M | Moreno. Extra fine, deep pink | ..... | .12 | 1.20 | 8.00 |
| M | Norma. Flesh color, large bells | ..... | .10 | 1.00 | 7.00 |
| E | Rosea Maxima. Fine, salmon pink | ..... | .12 | 1.20 | 8.00 |

SINGLE RED.

| | | | | | |
|---|--------------------------------------------------------------------|-------|-----|------|------|
| M | Amy. Rich, brilliant red | ..... | .10 | 1.00 | 7.00 |
| E | General Pelissier. Rich crimson | ..... | .10 | 1.00 | 7.00 |
| L | Koh-i-Noor (Semi-double). Bright, very fine, large spike | ..... | .12 | 1.25 | 8.00 |
| M | Robert Steiger. Crimson, good spike | ..... | .10 | 1.00 | 7.00 |
| L | Roi des Belges. Bright scarlet | ..... | .10 | 1.00 | 7.00 |

SINGLE WHITE.

| | | | | | |
|---|------------------------------------------------------------------|-------|-----|------|------|
| E | Alba Superbissima. Pure white | ..... | .10 | 1.00 | 7.00 |
| E | Baroness von Thuyl. Pure white, early | ..... | .10 | 1.30 | 7.00 |
| M | Grandeur a'Merveille. Blush white | ..... | .10 | 1.00 | 7.00 |
| M | La Grandesse. Pure white | ..... | .12 | 1.20 | 8.00 |
| M | L'Innocence. Pure; extra fine | ..... | .12 | 1.20 | 8.00 |
| M | Mad. Van der Hoop. Pure white | ..... | .10 | 1.00 | 7.00 |
| M | Mont Blanc. Pure, early, large spike | ..... | .12 | 1.20 | 8.00 |
| M | Queen of the Netherlands. Extra fine spike, pure white | ..... | .12 | 1.20 | 8.00 |

SINGLE YELLOW.

| | | | | | |
|---|------------------------------------------------------------|-------|-----|------|------|
| M | Ball of Gold. Golden yellow, large compact spike | ..... | .10 | 1.00 | 7.00 |
| M | Yellow Hammer. Golden yellow broad truss | ..... | .12 | 1.20 | 8.00 |
| L | King of the Yellows. Bright | ..... | .12 | 1.20 | 8.00 |
| M | La Citroniere. Lemon | ..... | .10 | 1.00 | 7.00 |

Single bulbs mailed free. Add 15c. per doz. for postage.

SPECIAL VARIETIES OF HYACINTHS FOR GLASS CULTURE

Ball of Gold. Golden.
Cardinal Wiseman. Pink.
Czar Peter. Porcelain.
Gertrude. Pink.
Grand Maitre. Bright blue.
King of the Blues. Deep.
La Grandesse. Pure white.
L'Innocence. White.
Moreno. Deep pink.
Roi des Belges. Red.
Rosea Maxima. Pink.
Yellow Hammer. Golden.

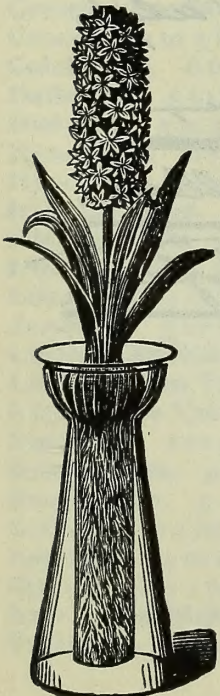
SPECIAL OFFER—One each of the above for \$1.00 (postpaid, \$1.15).

HYACINTH GLASSES

Belgian (see cut). In the following colors: blue, green, white, amethyst and amber. 20c. each; per doz., \$2.00; \$15.00 per 100.
Tye or Low Pattern. Heavier than the above style. 20c. each; per doz., \$2.00; \$15.00 per 100.

TUBES FOR BELGIAN GLASSES

In white color only. 10c. each; per doz., \$1.10.



MICHELL

Michell's First Size Named Hyacinth—King of the Blues

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S SUPERB HYACINTHS (Continued)

DOUBLE VARIETIES FIRST SIZE NAMED

The Double Hyacinths, while grown by many, do not produce as large a spike as the single sorts. They should not be used for growing in glasses as there they are not entirely satisfactory. The sorts we offer have been chosen from a long list and can be depended upon to give good results.

DOUBLE BLUE.

| | Each | Doz. | 100 |
|-----------------------------------------------------------|--------|--------|--------|
| Bloksberg. Porcelain, large bells and spike..... | \$0.10 | \$1.00 | \$7.00 |
| Garrick. Deep, very good | .10 | 1.00 | 7.00 |
| Mignon Van Dyfhout. Light, large bulb and spike .. | .10 | 1.00 | 7.00 |
| Rembrandt. Porcelain, a grand sort | .10 | 1.00 | 7.00 |

DOUBLE RED AND PINK.

| | | | |
|------------------------------------------------------------|-----|------|------|
| Bouquet Royal. Salmon pink, red centre | .10 | 1.00 | 7.00 |
| Bouquet Tendre. Dark red, large spike | .10 | 1.00 | 7.00 |
| Czar Nicholas. Pink, large truss | .10 | 1.00 | 7.00 |
| Gladstone. Beautiful pink | .12 | 1.20 | 8.00 |
| Lord Wellington. Pink, large truss, the finest..... | .12 | 1.20 | 8.00 |
| Prince of Orange. Dark pink, large spike | .10 | 1.00 | 7.00 |

DOUBLE WHITE.

| | | | |
|-----------------------------------------------------------|-----|------|------|
| Flevo. Pure, fine truss | .10 | 1.00 | 7.00 |
| La Tour de Auvergne. Pure, perfect spike, early... | .10 | 1.00 | 7.00 |
| La Virginite. Cream white | .10 | 1.00 | 7.00 |
| Prince of Waterloo. Pure white, extra large..... | .12 | 1.20 | 8.00 |

DOUBLE YELLOW.

| | | | |
|------------------------------------------------------|-----|------|------|
| Bouquet de Orange. Orange salmon | .10 | 1.00 | 7.00 |
| Goethe. Rich light yellow | .10 | 1.00 | 7.00 |
| Minerva. Very fine truss, orange yellow | .10 | 1.00 | 7.00 |

Single Bulbs mailed free. (Add 15c. per dozen for mailing.)

NAMED EXHIBITION HYACINTHS

Every year we have our most reliable grower make us a selection of the largest possible Hyacinth Bulbs to be obtained. He usually scours the entire bulb-growing district of Holland to find them. In past years they've been so sought after that we rarely have enough to meet demands; so order early. We offer them in single varieties only, our selection. 20c. each; per doz., \$2.00; \$15.00 per 100.



Michell's First Size Named Double Hyacinth
Lord Wellington

MINIATURE OR PAN HYACINTHS

This type of hyacinth is largely grown in pans for window decoration, etc. The trusses are magnificent and frequently almost as large as the regular hyacinths. We offer choice named sorts which are extra fine.

SINGLE BLUE SORTS.

| | Each | Doz. | 100 |
|-----------------------------------------|--------|--------|--------|
| Chas. Dickens. Porcelain | \$0.05 | \$0.40 | \$2.75 |
| Grand Maitre. Bright blue | .05 | .40 | 2.75 |
| King of the Blues. Bright blue.. | .05 | .40 | 2.75 |
| Lord Derby. Light blue | .05 | .40 | 2.75 |

SINGLE PINK AND RED SORTS.

| | | | |
|------------------------------------------|-----|-----|------|
| Cardinal Wiseman. Rosy pink... | .05 | .40 | 2.75 |
| Chas. Dickens. Light pink | .05 | .40 | 2.75 |
| Gertrude. Deep pink | .05 | .40 | 2.75 |
| Gigantea. Light pink | .05 | .40 | 2.75 |
| Moreno. Deep pink | .05 | .40 | 2.75 |
| Roi des Belges. Bright scarlet... | .05 | .40 | 2.75 |

SINGLE WHITE SORTS.

| | | | |
|------------------------------------------------------------|-----|-----|------|
| Albertini. Pure white | .05 | .40 | 2.75 |
| La Grandesse. Fine, pure white.. | .05 | .50 | 3.00 |
| Mad. Van der Hoop. Pure white, large bells | .05 | .50 | 3.00 |



Michell's Dutch Roman, Pan, or Miniature Hyacinths

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S NAMED HYACINTHS FOR FORCING AND HIGH-CLASS BEDDING

Of late years the Named Hyacinths have gained wide prominence for bedding; they are ideal on account of their flowering at one time, being all one height and uniform in appearance. The varieties offered on this page while Second Sized Named Varieties are especially recommended where the above effect is desired.

OUR SELECTION of Named Varieties with your choice of color \$4.75 per 100, per 1000 \$45.00



Michell's Hyacinths Planted in "Capital Hill Park" Harrisburg, Pa.

Note—To assist customers in selecting varieties that will bloom together, we have affixed the letters E, M, L, signifying E for early, M for mid-season, L for late.

| | Each | Doz. | 100 | 1000 |
|------------------------------------------|-------|--------|--------|---------|
| SINGLE RED HYACINTHS | | | | |
| L Koh-i-Noor (Semi-double). Bright. | \$.08 | \$0.75 | \$5.00 | \$46.00 |
| M Queen of Hyacinths. Scarlet. | .08 | .75 | 5.00 | 46.00 |
| M Robert Steiger. Crimson, compact truss | .08 | .75 | 5.00 | 46.00 |
| L Roi des Belges. Bright scarlet | .08 | .75 | 5.00 | 46.00 |
| SINGLE WHITE HYACINTHS | | | | |
| E Alba Superbissima. Pure white. | .08 | .75 | 5.00 | 46.00 |
| E Baroness von Thuy. Pure white. | .08 | .75 | 5.00 | 46.00 |
| M Grandeur a'Merveille. Blush white. | .08 | .75 | 5.00 | 46.00 |
| M La Grandesse. Pure white | .09 | .90 | 5.50 | 50.00 |
| M L'Innocence. Pure | .09 | .90 | 5.50 | 50.00 |
| M Mad. Vander Hoop. Pure | .08 | .75 | 5.00 | 46.00 |
| M Mont Blanc. Fine, pure white | .09 | .90 | 5.50 | 50.00 |
| M Queen of the Netherlands. Pure. | .09 | .90 | 5.50 | 50.00 |
| SINGLE YELLOW HYACINTHS | | | | |
| M Herman. Orange | .08 | .75 | 5.00 | 46.00 |
| M Ida. Bright, yellow | .08 | .75 | 5.00 | 46.00 |

We cannot impress too strongly upon the necessity of ordering Hyacinths (and other bulbs) as early as possible. By doing so you get the best selection. **Order before November the 15th** if possible, orders received later however will receive our usual careful attention.



| | Each | Doz. | 100 | 1000 |
|-------------------------------------|-------|--------|--------|---------|
| SINGLE BLUE HYACINTHS | | | | |
| E Baron von Thuy. Deep blue | \$.08 | \$0.75 | \$5.00 | \$46.00 |
| M Blue Mourant. Deep blue | .08 | .75 | 5.00 | 46.00 |
| L Chas. Dickens. Porcelain | .08 | .75 | 5.00 | 46.00 |
| M Czar Peter. Porcelain | .09 | .80 | 5.50 | 50.00 |
| M Grand Maitre. Bright | .08 | .75 | 5.00 | 46.00 |
| L King of the Blues. Bright | .08 | .75 | 5.00 | 46.00 |
| E Leonidas. Light | .08 | .75 | 5.00 | 46.00 |
| SINGLE PINK HYACINTHS | | | | |
| E Baron von Thuy. Light rose | .08 | .75 | 5.00 | 46.00 |
| M Chas. Dickens. Light, large spike | .08 | .75 | 5.00 | 46.00 |
| M Gertrude. Deep pink | .08 | .75 | 5.00 | 46.00 |
| E Gigantea. Light | .08 | .75 | 5.00 | 46.00 |
| M Moreno. Deep pink | .08 | .75 | 5.00 | 46.00 |
| E Rosea Maxima. Salmon pink | .08 | .75 | 5.00 | 46.00 |

If desired by mail, add 10c. per dozen to prices quoted. Single bulbs mailed free.

SPECIAL OFFER OF NAMED BEDDING HYACINTHS
To popularize these tremendously satisfactory bedding bulbs, we offer in our selection of varieties with your choice of color **delivered free within 100 miles of Philadelphia.**

| | |
|--------------------------------|--------|
| 25 Named Bedding Hyacinths for | \$1.35 |
| 50 " " " " | 2.50 |
| 100 " " " " | 5.00 |
| 250 " " " " | 11.50 |
| 500 " " " " | 22.75 |
| 1000 " " " " | 45.00 |

Be sure and refer to this special offer when ordering.



HYACINTHS PLANTED IN INDEPENDENCE SQUARE PHILA.. Showing statue of Commodore Barry in the background; all bulbs (135,000 annually) for planting the city squares supplied by us for the past twelve years.

MICHELL'S CHOICE BEDDING HYACINTHS

UNNAMED SORTS

In the following hyacinths we offer something very choice either for bedding or for pot culture. Where bedding of hyacinths is to be done in large quantity we can particularly recommend them on account of their low cost, the length of time they remain in flower, and because of their handsome effect.



Michell's Monster White Roman Hyacinths

SINGLE VARIETIES.

| | Each | Doz. | 100 | 1000 |
|----------------------------------|-------|--------|--------|---------|
| Red. All shades, including pink. | \$.05 | \$0.45 | \$3.25 | \$30.00 |
| White. All shades of white.... | .05 | .45 | 3.25 | 30.00 |
| Blue. All shades | .05 | .45 | 3.25 | 30.00 |
| Yellow. All shades | .05 | .45 | 3.25 | 30.00 |
| Pink | .05 | .45 | 3.25 | 30.00 |
| Dark Red | .05 | .45 | 3.25 | 30.00 |
| Pure White | .05 | .45 | 3.25 | 30.00 |
| Blush White | .05 | .45 | 3.25 | 30.00 |
| Light Blue | .05 | .45 | 3.25 | 30.00 |
| Dark Blue and Purple | .05 | .45 | 3.25 | 30.00 |
| Mixed. All colors | .04 | .40 | 2.85 | 27.00 |

DOUBLE VARIETIES.

| | | | | |
|----------------------------------|-----|-----|------|-------|
| Red. All shades, including pink. | .05 | .50 | 3.25 | 30.00 |
| Pink | .05 | .50 | 3.25 | 30.00 |
| Pure White | .05 | .50 | 3.25 | 30.00 |
| Blue. All shades | .05 | .50 | 3.25 | 30.00 |
| Yellow | .05 | .50 | 3.25 | 30.00 |
| Mixed. All colors | .05 | .45 | 3.10 | 28.50 |

ROMAN HYACINTHS

French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession (two weeks apart). They are very fragrant. The blooms are suitable for most any kind of cut-flower work; they also look very attractive if planted in boxes or pots and used for window decoration. They are not hardy, consequently will not do for outdoor planting.

| | Each | Doz. | 100 | 1000 |
|-----------------------------------------|-------|--------|--------|---------|
| White. Selected size, 12 to 13 ctm. | \$.04 | \$0.40 | \$3.00 | \$27.50 |
| " Extra select size, 12 to 15 ctm. | .05 | .55 | 3.75 | 32.50 |
| " Mammoth, 13 to 15 ctm.. | .06 | .60 | 4.50 | 40.00 |
| " Monster, 15 ctm. and over | .07 | .75 | 5.50 | 50.00 |
| Light Pink | .05 | .50 | 3.25 | 30.00 |
| Dark Pink | .05 | .45 | 3.00 | 27.50 |
| Dark Blue | .05 | .45 | 3.00 | 27.50 |
| Light Blue | .05 | .50 | 3.25 | 30.00 |
| Italian. Late white, large spikes.. | .05 | .50 | 3.00 | 28.00 |

If wanted by mail, please add 10c. per doz. for postage.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

MICHELL'S SINGLE EARLY TULIPS FOR FORCING and BEDDING

To assist customers in making selections, we have affixed a figure in front of the varieties denoting the approximate height where grown under same conditions; the comparative blooming time so that such selected. V, means very early E, means early L, means late.

affixed a figure in front of the varieties denoting the approximate height where grown under same conditions; also one of the following letters V—E—M—L to indicate the sorts as flower together may be easily early M, means mid-season



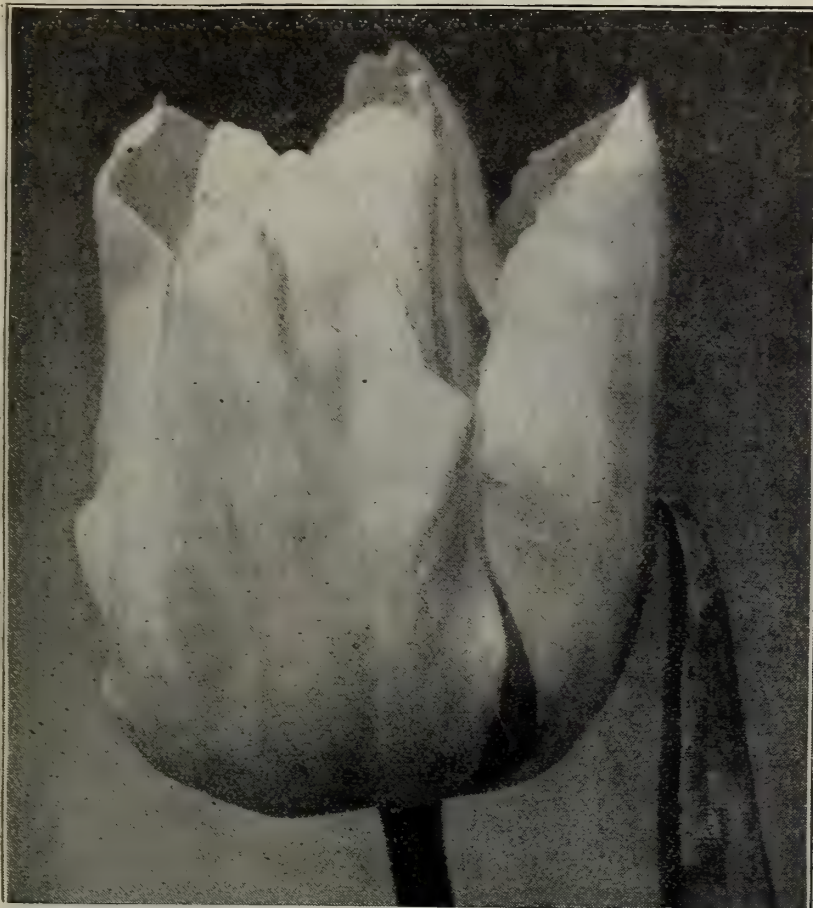
| RED AND SCARLET VARIETIES. | | | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|-------|--------|
| Inches high | | Doz. | 100 |
| 8 M | Artus. Bright scarlet, for bedding | \$.25 | \$1.40 |
| 10 M | Belle Alliance. Brilliant scarlet, for either forcing or bedding | .35 | 2.25 |
| 10 L | Cardinal's Hat. Deep brownish red, for bedding | .25 | 1.35 |
| 10 M | Couleur de Cardinal. Bronze scarlet, a large well-shaped flower with long stems, excellent for forcing or bedding | .30 | 2.00 |
| 9 M | Crimson King. Crimson red, good for bedding or forcing | .25 | 1.50 |
| 10 M | Cramoise Brilliant. Fine scarlet, good forcer and a showy bedder | .30 | 1.75 |
| 7 V | Duc Van Tholl, Scarlet, for forcing or bedding | .30 | 1.75 |
| 7 V | Duc Van Tholl, Crimson, for forcing or bedding | .25 | 1.50 |
| 10 E | Grace Darling. Very large globular flower with broad petals, fiery scarlet, good for bedding and forcing | .60 | 4.00 |
| 12 E | Maas. Rich scarlet, for bedding only, lasting well during warm weather | .45 | 3.00 |
| 8 L | Greigii. Brilliant orange scarlet, tremendous flower, called the Queen of Tulips, for bedding only (15c. each) | 1.25 | 8.00 |
| 12 E | Pottebaker. Scarlet, for bedding | .30 | 2.00 |
| 12 M | Prince of Austria. Orange scarlet, for either forcing or bedding, very sweet scented | .35 | 2.00 |
| 12 M | Vermilion Brilliant. The richest scarlet, for forcing or bedding, very large flower | .40 | 2.50 |

| PINK VARIETIES. | | | |
|-----------------|-----------------------------------------------------------------------------------------------------------------|-------|--------|
| Inches high | | Doz. | 100 |
| 14 M | Thos. Moore. Apricot orange, fine shaped flower, the best of its color, for either forcing or bedding | \$.30 | \$1.75 |
| | Unnamed Red in all shades | .25 | 1.35 |
| 8 M | Cottage Maid. Pink and white, a beautiful combination; one of the grandest for either forcing or bedding | .25 | 1.50 |
| 7 V | Duc Van Thol. Pink, for forcing or bedding | .30 | 2.00 |
| 10 M | Flamingo (Pink Hawk). Fine forcer, excellent flower, good keeper | .50 | 3.50 |
| 10 E | Pink Beauty. Rose pink shaded white, one of the finest forcing varieties in existence | .60 | 4.00 |
| 12 E | Princess Wilhelmina. Brilliant deep rose blushed white on the outer petals | .35 | 2.25 |
| 10 E | Proserpine. Fine glossy pink, very large, forces early, excellent also for bedding | .40 | 2.60 |
| 10 E | Queen of the Netherlands. Beautiful soft pink, fine for forcing, one of the largest and finest | .35 | 2.25 |
| 9 M | Rachel Ruisch. Pink, for bedding only | .25 | 1.25 |
| 9 M | Rose Grisdelin. Delicate rose, flushed white, for forcing or bedding; our stock is excellent | .25 | 1.30 |
| 9 M | Rose Luisante. Brilliant deep pink, large flower for forcing and bedding | .40 | 2.50 |
| 9 M | Rosa Mundi. Rose pink, flushed white, for bedding | .25 | 1.40 |
| | Unnamed Pink in all shades | .20 | 1.25 |

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S SINGLE EARLY TULIPS FOR FORCING AND BEDDING

The figure in front of variety denotes height, the letters signify as follows: V very early, E early, M mid-season, L late.



Early Single Tulip Joost Van Vondel. White

WHITE VARIETIES

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|---------|
| 7 V Duc Van Thol (<i>Maximus</i>). White, fine forcer | Doz. .100 | 100 | 1000 |
| | \$0.25 | \$1.50 | \$12.50 |
| 8 E Jagt Von Delft . Pure white, for bedding | .25 | 1.40 | 11.00 |
| 9 E Joost Van Vondel, White . A real exhibition variety; has no superior for either forcing or bedding | .40 | 2.75 | 25.00 |
| 10 M La Reine . Pure white, fine for forcing, at times it shows a delicate shade of pink | .20 | 1.25 | 10.50 |
| 8 E L'Immaculee . Pure white, early, for bedding | .20 | 1.25 | 10.00 |
| 12 E Pottebakker White . Pure white, for bedding | .30 | 1.75 | 15.00 |
| 10 M White Hawk (<i>Albion</i>). Pure white, one of the best forcing and bedding sorts; when forced slowly the bloom is of tremendous size and substance. | .35 | 2.25 | 18.50 |
| Unnamed White Varieties | .20 | 1.25 | 10.00 |

VARIEGATED OR TWO COLORED VARIETIES

| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|---------|
| 9 E Couleur Ponceau . White and red, for bedding | Doz. .100 | 100 | 1000 |
| | \$0.25 | \$1.40 | \$11.00 |
| 7 E Duc Van Tholl . Gold striped, for forcing or bedding | .25 | 1.50 | 13.00 |
| 7 E Duc Van Tholl . Red and yellow, for forcing or bedding | .25 | 1.50 | 13.00 |
| 8 M Grand Master of Malta . Red and white, for bedding | .35 | 2.00 | 18.00 |
| 9 E Joost Van Vondel . Glossy red, striped white, bedding | .30 | 1.75 | 16.00 |
| 15 M Kaiserkroon . Brilliant red with distinct wide golden border; one of the finest tulips in existence; the peer of its color; for either forcing or bedding | .30 | 1.75 | 14.50 |
| 9 M Royal Standard Silver . White, striped crimson; bedding | .35 | 2.00 | 18.50 |
| 10 M Duchesse de Parma . Orange scarlet, suffused yellow edge; for bedding | .25 | 1.40 | 12.50 |

YELLOW VARIETIES

| | | | |
|----------------------------------------------------------------------------------------------|-----------|--------|---------|
| 10 E Canary Bird . Pure golden yellow, for forcing or bedding | Doz. .100 | 100 | 1000 |
| | \$0.30 | \$1.50 | \$12.50 |
| 10 M Chrysolora . Golden yellow, for bedding; this is one of the best; large flower | .25 | 1.30 | 10.50 |
| 7 E Duc Van Tholl . Yellow, for forcing and bedding | .35 | 2.00 | 18.00 |
| 9 E Gold Finch . Sweet scented, golden yellow, forces early; flower a good keeper | .30 | 1.50 | 14.00 |
| 10 E Mon Tresor . Golden yellow, large flower; one of the best for forcing or bedding | .35 | 2.00 | 15.00 |
| 10 E Ophir d'Or . Golden yellow; fine bedder; enormous flower | .30 | 1.75 | 15.00 |
| 12 E Pottebakker Yellow . For bedding only | .30 | 1.75 | 14.00 |
| 10 M Yellow Prince . Golden yellow; fine forcer | .25 | 1.40 | 11.00 |
| Unnamed, all Shades of Yellow | .20 | 1.25 | 10.00 |

VIOLET OR BLUE VARIETIES

| | | | |
|---------------------------------------------------|-----|------|-------|
| 9 M Wouverman . Purple violet, for bedding | .50 | 3.25 | 30.00 |
|---------------------------------------------------|-----|------|-------|

SINGLE UNNAMED TULIPS (For Bedding only)

These make a fine effect where a solid color is desired, and their cost is not so much as the named varieties, although the colors are made up from the named sorts.

| | | | |
|-----------------------------|-----------|--------|---------|
| Pink in all shades | Doz. .100 | 100 | 1000 |
| | \$0.20 | \$1.25 | \$10.00 |
| Red in all shades | .25 | 1.35 | 11.00 |
| White in all shades | .20 | 1.25 | 10.00 |
| Yellow in all shades | .20 | 1.25 | 10.00 |

SINGLE EARLY TULIPS IN MIXTURE

Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of color. We use only the largest flowering named sorts, and our customers may depend on getting something extraordinary.

| | | | |
|---------------------------------------|-----------|--------|--------|
| Fine Quality , all colors | Doz. .100 | 100 | 1000 |
| | \$0.15 | \$0.80 | \$7.00 |
| Superfine Quality , all colors | .20 | 1.10 | 8.75 |



Early Single Show Tulip. Pink Beauty

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S LATE OR MAY FLOWERING TULIPS



A border of Picotee Tulips with a Darwin variety to the left.

NOTHING in the line of horticulture has received so much comment in late years as the late flowering tulips. A few years ago where only hundreds were sold, the demand has now grown to hundreds of thousands. They well deserve the popularity they have gained, for no other of the spring flowering bulbs can approach them for brilliancy, beauty and usefulness. For planting in beds, massing in the perennial border or planting in clumps they are ideal. Especially fine for handsome effects in English or Italian gardens. As a cut flower few things equal them; the very long stems make it possible to use them in most any kind of floral decoration; the flowers are shapely and many are very fragrant. The mixed types are desirable, yet we recommend the planting of named sorts if extra fine shows are wanted of the latter; many sorts are suited to slow or moderate forcing.

LATE TULIPS IN MIXTURES *(All single except where noted.)*

Bizarres. A peculiar combination of colors, principally yellow ground with markings and stripings of red, white and orange. 3c. each; per doz., 20c.; \$1.25 per 100; per 1000, \$10.00.

Bybloemen. A wide range of shadings and combinations of white, scarlet, pink and crimson. 3c. each; per doz., 25c.; \$1.40 per 100; \$11.50 per 1000.

Darwin's. A most interesting class, covering a very wide range of colors. The Darwin's are the best of late tulips offered. 3c. each; per doz., 30c.; \$1.50 per 100; per 1000, \$12.00.

Single Superfine Mixed. This mixture embraces almost every type of single late tulip and we can recommend them highly for planting in places where a fine show is desired. 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$12.00.

Double Superfine Mixed. In all colors. Many prefer the double tulips as they last longer than the single sorts. 3c. each; per doz., 20c.; \$1.15 per 100; per 1000, \$9.00.

Single bulbs mailed free. Please add 6c. per doz. for postage.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

MICHELL'S Late or May Flowering TULIPS

This class of tulips help to prolong tulips season; for planting in borders among perennial shrubbery nothing equals them, flowering just after the early Tulips and Narcissus and preceding the ordinary early flowering perennials, Iris, etc. For cut flowers they are immensely satisfactory lasting in water a week, besides being exceedingly fragrant. If planted where they need not be disturbed they increase in quantity and seldom ever need be replenished for many years. The height indicated by the figure preceding the variety may vary a little according to soil and location. Ideal for bedding.

DARWIN TULIPS (All Single)

A distinct class of tulips, differing from the other late sorts by reason of their shape, colorings and markings. Most every color is embraced in this variety except yellow, of which there is no distinct shade in this class, a selection of this color, however, may be easily made from some of the Cottage Garden sorts in the opposite column. Fine for bedding and border planting. Most of the varieties are suited to gentle forcing, thus can be brought into flower by March.

- Height in inches
- 18 **Clara Butt.** Beautiful soft salmon rose, a large and exquisite flower awarded a first class certificate, R. H. S. (London). 6c. each; per doz., 60c.; \$4.00 per 100; per 1000, \$35.00.
- 24 **Glow.** A glorious crimson scarlet, blue black base margined white. 6c. each; per doz., 50c.; \$3.50 per 100; per 1000, \$30.00.
- 24 **Gretchen (Margaret).** A lovely globular flower; soft blush, inside of flower is blush pink; one of the best. 4c. each; per doz., 35c.; \$2.25 per 100; per 1000, \$18.00.
- 16 **Harry Vietch.** Crimson, large violet and white centre. 4c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$22.00.
- 24 **Kate Greenaway.** The largest and latest of the Darwins; white, suffused lilac. 4c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$22.00.
- 26 **Pride of Haarlem.** A grand variety, flowers of immense size and fine form, brilliant salmon rose shaded scarlet; with a blue centre. 5c. each; per doz., 50c.; \$3.25 per 100, per 1000, \$27.50.
- 26 **Sultan.** Deep maroon, almost black. 4c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$17.50.
- 24 **White Queen.** White, slightly tinged blush, black anthers. 6c. each; per doz., 50c.; \$3.50 per 100; per 1000, \$30.00.
- Mixed in all colors. 30c. doz., per 100 \$1.50, \$12.00 per 1000.

PARROT OR DRAGON TULIPS

These belong to the late flowering class and on account of their peculiar markings and shadings, are much in demand. They are curiously curled and crested, as may be seen by observing the illustration opposite. They are fine for bedding and border planting, also useful as a cut flower, keeping well for some time when placed in water. They are very fragrant, and grow about 12 in. high. We offer first size bulbs only in Parrot Tulips, of which the greatest majority will bloom.

- Constantinople.** Orange scarlet, with black markings in centre. 3c. each; per doz., 30c.; \$1.60 per 100; per 1000, \$14.00.
- Cramoise Brilliant.** Deep carmine, flowers are very large with a star-shaped centre. 3c. each; per doz., 30c.; \$1.60 per 100; per 1000, \$14.00.
- Gloriosa.** A very showy orange and red sort, petal very broad, producing a mammoth flower. 3c. each; per doz., 30c.; \$1.60 per 100; per 1000, \$14.00.
- Lutea Major.** Very large, bright yellow, makes a handsome bed when planted with Cramoise Brilliant. 3c. each; per doz., 30c.; \$1.60 per 100; per 1000, \$14.00.
- Mixed in all colors. This mixture is carefully blended and contains only the choicest sorts. 2c. each; per doz., 20c.; \$1.25 per 100; per 1000, \$10.00.

COTTAGE GARDEN TULIPS

- (All Single except where noted.)
- Height in inches
- 15" **Blue Flag.** (Double.) A very pretty shade of violet blue, very odd, and should on this account be included in every collection. 4c. each; per doz., 35c.; \$2.25 per 100; per 1000, \$20.00.
- 18 **Bouton d'Or.** (*Golden Beauty or Ida.*) Color, a beautiful golden yellow; handsome perfect flower; grand for cutting. 3c. each; per doz., 30c.; \$1.50 per 100; per 1000, \$12.50.
- 24 **Gesneriana Spathulata.** A brilliant scarlet, with blue-black centre. This is one of the finest late tulips in existence. 3c. each; per doz., 25c.; \$1.60 per 100; \$14.00 per 1000.
- 24 **Gesneriana Rosea.** Very similar in character and growth to the above; the color, however, is a rich, brilliant pink. 3c. each; per doz., 25c.; \$1.60 per 100; per 1000, \$13.00.
- 18 **Golden Crown.** Flower very large, of a pure yellow color, with a narrow border of red, excellent for bedding or cutting. 3c. each; per doz., 25c.; \$1.25 per 100; per 1000, \$10.00.
- 20 **Picotee.** (*Maiden's Blush.*) (See preceding page.) Color, white with a distinct rosy border; the finest late tulip 4c. each; doz., 30c.; \$1.75 per 100; per 1000, \$14.00.
- 24 **La Merveille.** Beautiful orange red, one of the best of the late sorts. Each, 4c.; 30c. per doz.; per 100, \$1.75; \$15.00 per 1000.
- 21 **Rosalind.** A bright cherry pink, pure white at base. 3c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$15.00.
- 18 **Shandon Bells** (*Blushing Bride, or Isabella.*) A beautiful carmine, red or pink, shaded creamy white, a very pretty contrast. 4c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$15.00.
- 20 **Striped Beauty** (*Summer Beauty.*) Rose, flaked crimson and white, a large and showy flower. 5c. each; per doz., 50c.; per 100, \$3.00; \$27.50 per 1000.
- Mixed in all colors. 25c. doz., per 100 \$1.50, \$12.00 per 1000.



Parrot or Dragon Tulip Gloriosa

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S EARLY DOUBLE TULIPS

Double Tulips are used very extensively for forcing but are equally valuable for bedding purposes. They remain in flower longer than do the single sorts on account of their substance, although they do not make quite as fine a show. They should not be planted in beds with single tulips as they do not bloom as early as the single sorts. The number prefixed before the variety denotes the approximate height.

| | Doz. | 100 | 1000 |
|---------------------------------------------------------------------------------------------------------------------------------------|--------|--------|---------|
| 10 Coronne d'Or. A handsome rich yellow variety; grand forcer | \$0.35 | \$2.25 | \$20.00 |
| 10 Coronne des Roses. Bright pink; early forcer | .50 | 3.25 | 28.00 |
| 7 Duc van Tholl. Red and yellow for bedding or late forcing | .20 | 1.15 | 9.00 |
| 9 Duke of York. Red with white border; for bedding only | .25 | 1.50 | 12.00 |
| 9 Gloria Solis. Bright scarlet with deep yellow border; excellent for bedding or forcing | .25 | 1.75 | 15.00 |
| 9 Imperator Rubrorum. Brilliant scarlet; especially adapted to forcing while it makes a handsome effect when used for bedding | .40 | 2.25 | 19.00 |
| 8 La Candeur. Very large, pure white; for forcing or bedding; an excellent bedding variety to be used with the above sort | .25 | 1.50 | 13.50 |
| 8 Le Blazon. Bright pink; for bedding only | .30 | 1.60 | 14.00 |
| 7 Murillo. A very large pink sort, suffused with white; one of the best forcers | .30 | 1.65 | 13.00 |
| 8 Paeony Red. Very dark scarlet, blooms very late and is a good companion to Yellow Rose; it will not force | .30 | 1.50 | 14.00 |
| 8 Rex Rubrorum. Deep scarlet; for forcing or bedding | .30 | 2.00 | 17.50 |
| 8 Rose Blanche. Pure white; suitable for bedding or forcing | .30 | 1.50 | 12.50 |
| 8 Salvator Rosa. An improvement on Murillo, which it very much resembles; grand forcer | .35 | 2.25 | 18.00 |
| 8 Toreador (New). A handsome rich orange; it should be included in every collection of forcing tulips as it is a grand variety | .50 | 3.50 | 30.00 |



Double Tulip—Salvator Rosa

| | Doz. | 100 | 1000 |
|---------------------------------------------------------------------------------------------------------------------------------------|--------|--------|---------|
| 8 Tournesol. Red and yellow; for forcing and bedding | \$0.40 | \$2.50 | \$22.50 |
| 8 Tournesol. Pure deep yellow; forces readily and is most desirable for cutting or pan culture | .35 | 2.25 | 20.00 |
| 8 Titian. Red with a yellow border; good for bedding but not for early forcing | .30 | 2.00 | 17.50 |
| 9 Yellow Rose. Blooms quite late outdoors and should not be planted with any other sort but Paeony Red; it also will not force | .30 | 1.50 | 12.50 |
| Mixed, in all colors. Fine Quality | .15 | .90 | \$8.00 |
| Mixed, in all colors. Superfine Quality | .20 | 1.15 | 9.50 |

DOUBLE UNNAMED TULIPS (Separate Colors)

These are very valuable for solid color bedding where no particular design is to be carried into effect and where expense is considered. At the low price at which they are offered anyone can afford them and thus avoid mixtures. They will bloom evenly and make a fine show. They will not force, so must not be planted for that purpose.

| | Doz. | 100 | 1000 |
|------------------------------|--------|--------|---------|
| Pink, in all shades | \$0.30 | \$1.40 | \$11.00 |
| Red, in all shades | .30 | 1.50 | 12.00 |
| White, in all shades | .30 | 1.40 | 11.00 |
| Yellow, in all shades | .30 | 1.40 | 11.00 |

MICHELL'S EARLY DOUBLE MIXED TULIPS

These mixtures are carefully blended with the choicest varieties taken from the named sorts. The bulbs are selected for size, and the mixture will produce a grand array of colors.

| | Doz. | 100 | 1000 |
|--------------------------|--------|--------|------|
| Fine Quality | \$0.15 | \$0.90 | 8.00 |
| Superfine Quality | .20 | 1.15 | 9.50 |



Double Tulip—Coronne d'Or.

3 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



Michell's Suggestions for Ornamental Planting of Bulbs

The massing of certain shades and colors into a harmonious effect is the crowning feature of all up-to-date gardening. To assist our customers in the selection of varieties of bulbs that will bloom together and harmonize, we mention below our ideas of combinations, and if followed will lead to great satisfaction and beauty.

MICHELL'S NAMED HYACINTHS FOR BEDDING

A combination of White, Deep Pink, and Bright Blue usually go well if planted in the following manner. **Grand Maitre** and **Gertrude** planted alternately in circles, then edging the bed with **Alba Superbissima**, all planted 6 inches apart.

| | | | |
|------------|------------------|----------------|--------|
| Bed No. 1— | 6 feet diameter, | 125 bulbs..... | \$6.25 |
| " No. 2— | 8 " " " | 215 " "..... | 10.75 |
| " No. 3— | 10 " " " | 330 " "..... | 16.50 |

MICHELL'S NAMED SINGLE EARLY TULIPS

Best effects are had from either a solid or a two-colored tulip, or a combination of two colors, bulbs planted 4 inches apart.

6 ft. Diameter Beds

- Bed No. 4**—150 Kaiserkroon (red, yellow bordered) on the inside, edged with two rows, 120, Chrysolora (yellow) on the outside. Price, \$3.90.
- Bed No. 5**—150 Rose Grisdelin (pink) on the inside, edged with two rows, 120, Jagt Van Delft (white). Price, \$3.15.
- Bed No. 6**—150 Wouverman (violet) on the inside, edged with 2 rows, 120, Mon Tresor (yellow) on the outside. Price, \$6.25.
- Bed No. 7**—150 Cramoise Brilliant (brilliant red) on the inside, edged with two rows, 120, Chrysolora (yellow). Price, \$3.35.
- Bed No. 8**—150 Couleur de Cardinal (crimson) on the inside, edged with two rows, 120, White Hawk. Price, \$4.90.

8 ft. Diameter Beds

- Bed No. 9**—Requiring 310 Kaiserkroon, 160 Chrysolora, planted as per bed No. 4. Price, \$6.15.
- Bed No. 10**—Requiring 310 Rose Grisdelin, 160 Jagt Von Delft, planted as per bed No. 6. Price, \$11.70.
- Bed No. 11**—Requiring 310 Wouverman, 160 Mon Tresor, planted as per bed No. 6. Price, \$11.20.
- Bed No. 12**—Requiring 310 Cramoise Brilliant, 160 Chrysolora, planted as per bed No. 7. Price, \$6.00.
- Bed No. 13**—Requiring 310 Col. de Cardinal, 160 White Hawk, planted as per bed No. 8. Price, \$8.50.

MICHELL'S SINGLE LATE TULIPS

In addition to planting early tulips, it is always well to have a few beds of late varieties, as it prolongs the tulip flowering period 4 weeks or so.

6 ft. Diameter Beds

- Bed No. 14**—150 Gesneriana Spathulata (scarlet) on the inside, edged with two rows, 120, Bouton d'Or (yellow). Price, \$3.75.
- Bed No. 15**—150 Picotee (white edged red) on the inside, edged with 120 Striped Beauty (white and pink). Price, \$5.40.

8 ft. Diameter Beds

- Bed No. 16**—310 Glow (Darwin), Scarlet, on the inside, edged with 160 Clara Butt (Darwin), delicate pink. Price, \$14.75.
- Bed No. 17**—470 La Mervielle, orange red; this is a beautiful showy variety in itself and will be highly appreciated. Price, \$7.00.

MICHELL'S SINGLE NARCISSUS

The following varieties when planted alone make handsome effects, placed 4 inches apart.

Bulbs

6 ft. Diameter Beds

- 270 **Emperor**. Pure yellow \$6.00
- 270 **Empress**. Yellow trumpet, white perianth 6.00
- 270 **Bicolor Victoria**. Yellow trumpet, white perianth..... 6.00
- 270 **Poeticus Ornatus**. White, scarlet eye 2.10

8 ft. Diameter Beds

- 470 **Horsefieldi**. Yellow trumpet, white perianth.....10.50
- 470 **Barri Conspicuus**. Yellow perianth, orange cup 4.70
- 470 **Mrs. Langtry**. Pure white 4.70



MICHELL'S
"GIANT NAMED"
CROCUS

MICHELL'S SPRING FLOWERING CROCUS

With the introduction of the newer improved Giant Named Crocus this flower has gained untold favor; for it is not only used as in olden days a decoration for lawns, but occupies a place as prominent as tulips; it is most effective in clumps of one color among shrubberies, in borders or garden beds, in fact it is a splendid pot bulb and may also be successfully grown in bowls of water, with moss or pebbles.

NEW GIANT NAMED VARIETIES

Much improved in size, form and color and will please the most critical lover of crocus. They are the result of constant hybridizing.

- Julia Culp.** Gigantic flower of rich purple, blooms very late.
- Menado.** Pale lilac, striped white, immense bloom with orange anthers, extra fine flower.
- Pallas.** A very attractive combination of white with fine stripes of light lilac. The deep orange anthers give the flower an added beauty.
- Snow White.** The largest pure white Crocus now in existence; the large orange anthers contrast beautifully with the immaculate flowers.

Price, for any of the above New Giant Crocus, per doz., 30c.; \$1.50 per 100; per 1000, \$12.50.

GIANT NAMED VARIETIES

| | Doz. | 100 | 1000 |
|--------------------------------------------------------|--------|--------|--------|
| Queen Victoria. Pure white | \$0.15 | \$0.80 | \$7.00 |
| Baron von Brunow. Deep blue | .15 | .80 | 7.00 |
| Cloth of Gold. Rich yellow, brown veins..... | .15 | .80 | 7.00 |
| Cloth of Silver. Silvery white, striped lilac.. | .15 | .80 | 7.00 |
| Mont Blanc. Pure white | .15 | .80 | 7.00 |

GIANT NAMED VARIETIES (Continued)

| | Doz. | 100 | 1000 |
|-----------------------------------------------------|------|-----|------|
| Purpurea Grandiflora. Fine purple | .15 | .80 | 7.00 |
| Sir Walter Scott. White, striped purple..... | .15 | .80 | 7.00 |
| Giant Named Mixed | .15 | .80 | 7.00 |

CROCUS IN SEPARATE COLORS

| | Doz. | 100 | 1000 |
|------------------------------------|--------|--------|--------|
| Blue and Purple | \$0.12 | \$0.45 | \$4.25 |
| White | .12 | .45 | 4.25 |
| Striped | .12 | .45 | 4.25 |
| Yellow. First size | .12 | .45 | 4.25 |
| Yellow.. Mammoth size | .20 | 1.00 | 8.00 |
| Yellow. Giant size | .25 | 1.35 | 10.00 |
| Mixed. All colors | .10 | .40 | 3.75 |

Dozen lots of Crocus mailed free. Add 10c. per 100 for postage.

COLCHICUM AUTUMNALE (Fall Flowering Crocus)

The flowers appear in the autumn while the leaves appear the following spring. It is perfectly hardy and does not require replanting. Grand for growing in woods, meadows, amongst shrubbery, etc. The colors comprise the various shades of lavender, purple and rose. Height, 6 inches. **Very Large Bulbs.** 5c. each; per doz., 50c. (postpaid, 60c.); \$3.50 per 100.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S SUPERB NARCISSUS



Narcissus Emperor

DAFFODILS and JONQUILS GIANT TRUMPET VARIETIES

Popularly known as

Giant Jonquils

Having gigantic trumpets and massive perianths.

Without the Jonquils or Narcissus no garden is complete, and one must readily concede them the foremost place among bulbous flowers and they really deserve it, for with little care they succeed splendidly in open borders, or naturalized in woodlands, fields or lawns giving effects unequalled by any other flower. Perfectly hardy, they soon establish themselves and with their permanency increase in untold numbers. By using several varieties the flowering period can be extended into weeks. As a house bulb in winter they are indispensable, as their culture is of easiest possible and they never fail. They do not look well as single specimens in a pot, but are desirable if planted several in a pan.

The words Jonquils, Daffodils or Narcissus are often misapplied by amateurs and the result invariably spells disappointment.

Jonquil is a popular name given to all single Trumpet Narcissus, regardless of any other formation or class.

"Daffodils" is the name applied to all Double Narcissus.

The name "Narcissus" calls for the Poet Narcissus and its family, also the Paper White Narcissus or the Polyanthus variety.

Buyers can easily select their favorite varieties from under the different headings where we have described them.

Note—In describing Narcissus, Daffodils, etc., by "perianth" we mean the flower petals surrounding the cup or funnel; "Trumpets" is a word applied to the centre tube or funnel; "Cup" refers to a short cup-like formation in place of the funnel. To assist customers in making a selection we have affixed the height and time of flowering, the height in inches is denoted by figures; F indicates that a variety is suited for planting indoors for winter blooming.

Height in inches

- F **Ard Righ (Irish King)**. A very showy variety, especially suitable for growing in pans or forcing; trumpet golden yellow, perianth light yellow; very early. 5c. each; doz., 40c.; \$3.00 per 100; per 1000, \$25.00.
- 12 F **Bicolor Grandee**. Immense flowers, white broad perianth, beautiful yellow trumpet with frilled edge; one of the best for garden planting or forcing; very late. 4c. each; doz., 30c.; \$1.50 per 100; per 1000, \$13.00.
- 18 F **Bicolor Victoria**. An enormous flower of tremendous substance, robust habit; trumpet rich golden yellow, beautifully fluted; perianth creamy white, very broad; early.

| | | | | |
|---------------|-------|--------|--------|---------|
| | Each | Doz. | 100 | 1000 |
| Large Bulbs | \$.05 | \$0.40 | \$2.50 | \$22.50 |
| Mammoth Bulbs | .07 | .75 | 5.00 | 40.00 |

Height in inches

- 18 F **Emperor**. One of the best Narcissus in cultivation, for either outdoor or indoor culture. Entire flower is pure golden yellow. Both perianth and trumpet are very massive; mid-season.

| | | | | |
|---------------|-------|--------|--------|---------|
| | Each | Doz. | 100 | 1000 |
| Large Bulbs | \$.05 | \$0.40 | \$2.50 | \$22.50 |
| Monster Bulbs | .07 | .75 | 5.00 | 40.00 |
- 18 F **Empress**. This variety tallies exactly with the foregoing sort, except that the perianth is pure white and the trumpet golden yellow, making the flower extremely attractive; mid-season.

| | | | | |
|---------------|-------|--------|--------|---------|
| | Each | Doz. | 100 | 1000 |
| Large Bulbs | \$.05 | \$0.40 | \$2.50 | \$22.50 |
| Monster Bulbs | .07 | .75 | 5.00 | 40.00 |

If wanted by mail add 12 c. per dozen for postage.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S SUPERB NARCISSUS (Continued)



GIANT TRUMPET VARIETIES

Height
in inches

15 F **Giant Princeps.** A very popular variety, being used extensively for naturalizing in woodlands or along streams; one of the best forcing sorts, being very early; perianth sulphur yellow, trumpet rich yellow. 3c. each; doz., 25c.; \$1.25 per 100; per 1000, \$10.00.

14 F **Glory of Leiden.** Immense flowers of majestic appearance; very long, fluted trumpet, rich golden yellow; the perianth petals are very broad, overlapping each other gracefully; this variety deserves first place in any narcissus collection; late. Each, 20c.; \$1.75 doz.; per 100, \$12.00.

18 F **Golden Spur.** A large striking variety of wonderful robust growth, unusually good for garden culture or forcing, very early and blooms freely; the entire flower is pure golden yellow, from which it derives its name.

| | Each | Doz. | 100 | 1000 |
|---------------------|--------|--------|--------|---------|
| Large Bulbs | \$0.04 | \$0.40 | \$2.50 | \$20.00 |
| Monster Bulbs | .07 | .75 | 5.00 | 40.00 |

18 F **Henry Irving.** Perianth and trumpet are pure yellow; this variety is peculiarly adapted for border planting or naturalizing as well as for forcing and bedding for handsome effect; very early. 5c. each; doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

14 F **Horsefieldi.** A most effective variety when planted in masses outdoors particularly on account of the pure white perianth enlivened by a graceful, rich golden trumpet; splendid for cutting or house decoration; early. Each, 5c.; 50c. doz.; per 100, \$2.60; \$22.50 per 1000.

16 F **Madame de Graaff.** The best and largest of the pure white trumpet daffodils. When it first comes into flower it shows creamy white, changing to pure white as the flower matures. It is of robust habit and should be included in every collection of narcissus; late. Each, 15c.; \$1.50 doz.; per 100, \$11.00; \$100.00 per 1000.

15 F **Trumpet Major.** One of the best varieties for forcing or outdoor massing; both trumpet and perianth deep golden yellow; very early.

| | Each | Doz. | 100 | 1000 |
|-------------------------------------------------------|--------|--------|--------|---------|
| Dutch-grown bulbs for out- doors and forcing | \$0.03 | \$0.25 | \$1.50 | \$12.00 |
| French-grown bulbs for forcing only | .05 | .40 | 2.50 | 20.00 |

12 F **William Goldring.** Perianth pure white, trumpet which is very large is light canary yellow, a very distinct variety; mid-season. 4c. each; doz., 40c.; \$2.00 per 100; per 1000, \$17.50.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S SUPERB NARCISSUS

MEDIUM TRUMPET OR CUP VARIETIES

This class is more extensively used for bedding, naturalizing and border planting than others, largely on account of their low cost and because of the genuine satisfaction they always give for this purpose.



Single Narcissus (Mrs. Langtry).

Height
in inches

- 14 F **Albicans** (*White Spanish Daffodil*). Creamy white perianth with a delicate yellow trumpet almost white; blooms early outdoor; suitable for moderate forcing. 5c. each; doz., 50c.; \$2.75 per 100; per 1000, \$22.50.

Height
in inches.

- 20 F **Barrii Conspicuous**. A beautiful flower with large spreading yellow perianth; the crown or cup is orange scarlet; a free bloomer, best suited to outdoor culture; can also be forced. 3c. each; per doz., 25c.; \$1.25 per 100; per 1000, \$10.00.
- 14 **Cynosure**. Primrose yellow perianth, orange shaded cup stained scarlet; this is one of the showiest in its class; a very free bloomer and is fine for cutting; recommended for outdoor planting in herbaceous borders and shrubbery; mid-season. 3c. each; doz., 25c.; \$1.25 per 100; \$8.00 per 1000.
- 14 **Figaro**. Graceful form, one of the largest in this class; the lemon yellow perianth is very broad petaled while the light yellow cup is richly shaded orange. This should be planted largely in every hardy border or any other spot where it can give a natural effect; midseason. 3c. each; doz., 25c.; \$1.25 per 100; per 1000, \$9.50.
- 6 F **Bulbocodium** (*Hoop Petticoat*). Flower when perfected resembles a hoop skirt of exquisite golden yellow; the diminutive blooms are exceedingly graceful and decorative, and whether grown in a pan or in clumps in the natural border or in a rockery it is undeniably pretty. The foliage is very small, almost invisible; a clump of these flowers has the appearance of a blaze of gold; late. 5c. each; doz., 50c.; \$3.25 per 100; per 1000, \$30.00.
- 12 **Stella**. One of the earliest varieties to bloom outdoors, for which purpose only it should be planted; tremendously free flowering; blooms are somewhat star-shaped, perianth white with a light yellow cup; fine for cutting; midseason. 3c. each; doz., 20c.; \$1.00 per 100; per 1000, \$8.00.
- 14 F **Mrs. Langtry**. This variety is ideal for massing. Its color is distinct, being entirely pure white, is very attractive on account of its broad perianth; for planting either indoor or out, it always gives satisfaction; late. 3c. each; 25c. doz.; per 100, \$1.25; \$10.00 per 1000.
- 12 **Obvallaris** (*Tenby Daffodil*). Pure golden yellow, very distinct, for outdoor planting only; it is a small cupped variety; late. 3c. each; doz., 30c.; \$2.00 per 100; \$15.00 per 1000.
- 20 F **Sir Watkin** (*Giant Chalice Flower*). The flower is probably the largest in its class, measuring often 15 inches across; for moderate forcing as well as bedding on a large scale; it is pleasing and very free flowering; perianth lemon yellow, cup or crown deep yellow; very early. 4c. each; doz., 40c.; \$2.25 per 100; per 1000, \$20.00.

A BOOK ON DAFFODILS (Narcissus)

The history of this beautiful flower is related therein extensively, the culture complete in detail such as the cultivation in gardens, naturalizing, growing in pots, for house culture in earth and water; the forcing as well as the originating of new varieties are distinguishing features of this instructive book. Price, \$1.00. (Postpaid, \$1.20.)

SPECIAL OFFER. For a bulb order amounting to \$20.00 or more and accompanied by remittance, we will include this instructive book **FREE**.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



POETICUS ORNATUS, PLANTED ON THE BANKS OF A STREAM

THE OLD FASHIONED POETS NARCISSUS

This class is noted for its hardiness and freedom of bloom. It is one of the most popular types; used extensively for wild gardening or naturalizing, being so **very inexpensive** that most anyone can afford to plant them by the thousand. They are quite fragrant and are splendid cut flowers. Ornatus and Elvira are used for forcing, the others being best for outdoor planting.

**Height
in Inches**

- 12 Biflorus.** Two to three flowers appear on a single stalk; perianth pure white; the crown is soft yellow; it flowers very late and is delightfully sweet scented. Each 3c.; 20c. doz.; per 100, \$1.15; \$8.75 per 1000.
- 12 Burbidgei.** This is the earliest variety, bearing pure white flowers, the cup being beautifully fringed and margined red. Each 2c.; 15c. doz.; per 100, \$1.00; \$8.00 per 1000.
- 15 F King Edward VII (Almira).** An improved type, having magnificent large flowers with broad, round petals, a glistening white, and the yellow cup is edged deep red; a very early flowering variety. 4c. each; doz., 35c.; \$2.50 per 100; per 1000, \$22.50.
- 24 F Poetaz Elvira.** This remarkable novelty is the result of a cross between the Pheasant Eye and the Polyanthus Narcissus, combining hardiness with the cluster flowering effect. The blooms which are pure white of remarkable substance and delicate yellow cup never come less than 3 to 4 to a long stem and from 2 to 3 stems are produced from a single bulb. The fragrance is distinct, resembling that of a Gardenia. It forces well and early. Each 4c.; 40c. doz.; per 100, \$3.00; \$27.50 per 1000.
- 12 Poeticus Ornatus.** A much improved form of the ordinary Poeticus, producing larger flowers and appearing two weeks earlier; for this reason they are especially adapted for forcing and make a splendid cut flower; midseason. Each 3c.; 20c. per doz.; per 100, \$1.00; \$7.75 per 1000.

**Height
in Inches**

- 12 Poeticus (Pheasant's Eye).** The popular narcissus for garden planting; pure white with scarlet edged cup or eye; most effective when planted in clumps on lawns, in woodlands, meadows, on banks of streams and ponds, as well as in the border and herbaceous bed. Very hardy and increase readily in numbers; late. 2c. each; per doz., 15c.; 75c. per 100; per 1000, \$6.00.

HARDY NARCISSUS IN MIXTURE

We import a very large number of these on account of the popular demand. They are a good investment at any time. For massing in borders, fields, woods and, in fact, anywhere, they more than return their cost in the liberal manner in which they flower, producing a wide range of color and variety of bloom. We offer large size bulbs only, which can be depended upon for results the first season.

Single Varieties. 15c. per doz.; per 100, \$1.00; \$8.00 per 1000; per 5,000, \$36.50.

Double Varieties. 20c. per doz.; per 100, \$1.00; \$8.50 per 1000; per 5,000, \$37.50.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

POLYANTHUS NARCISSUS

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese lilies, but they are equally suited for growing in soil. The flowers are produced in clusters, like the illustration, and they are delightfully fragrant. They are not as a general thing hardy, but can be planted outdoors only if afforded liberal protection during winter.

Double Roman. White perianth, with an orange and yellow suffused cup; very free flowering and early. 4c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$12.00.

Gloriosa. A very showy type, with white perianth and orange yellow cup; very pretty. 4c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$22.00.

Grand Monarque. Large, broad, white perianth with a primrose-yellow cup; a very striking flower. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$18.00.

Grand Soliel d'Or. Rich yellow, with deep red cup. For cutting this is a fine variety, as it makes a grand show. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

Paper White Grandiflora, First Size Bulbs. This is quite a specialty with us; of it alone we import almost one million bulbs. It is a pure white flowering sort; used extensively for forcing as it can be brought into bloom in 8 weeks' time; the stems are very long and it is excellent for bunching. 4c. each; per doz., 35c.; \$1.75 per 100; per 1000, \$15.00.

Paper White Grandiflora, Monster Bulbs. These are a very choice selection of the above and, while the same in character, the flowers are larger and are borne in greater profusion. 6c. each; per doz., 50c.; \$2.25 per 100; per 1000, \$20.00.

White Pearl. A large pure white; very exquisite. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$22.50.

Polyanthus Narcissus, Mixed. All colors and varieties. 4c. each; per doz., 30c.; \$1.50 per 100; per 1000, \$12.50.



Michell's Monster Narc. P. W. Grandiflora

SWEET SCENTED JONQUILS

These delightful little flowers are especially graceful when grown in pans or pots, but do equally well outdoors. The slender foliage stalks enhance a most fragrant flower borne in clusters of 2 to 4.

Single Jonquils. Rich yellow, very fragrant, height 12 inches. 2c. each; per doz., 15c.; 80c. per 100; per 1000, \$7.00.

Double Jonquils. Flowers very double, deep golden-yellow, height 12 inches. 4c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$15.00.

Campernelle. Single yellow; a grand forcer. 2c. each; per doz., 20c.; \$1.00 per 100; per 1000, \$7.00.

Campernelle Rugulosus. Single yellow; larger than the plain Campernelle. 3c. each; per doz., 25c.; \$1.25 per 100; per 1000, \$10.00.

If these Narcissus are desired by mail, add 8c. per dozen for postage. Single bulbs mailed free.



Michell's Double Jonquils

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S DOUBLE NARCISSUS OR DAFFODILS

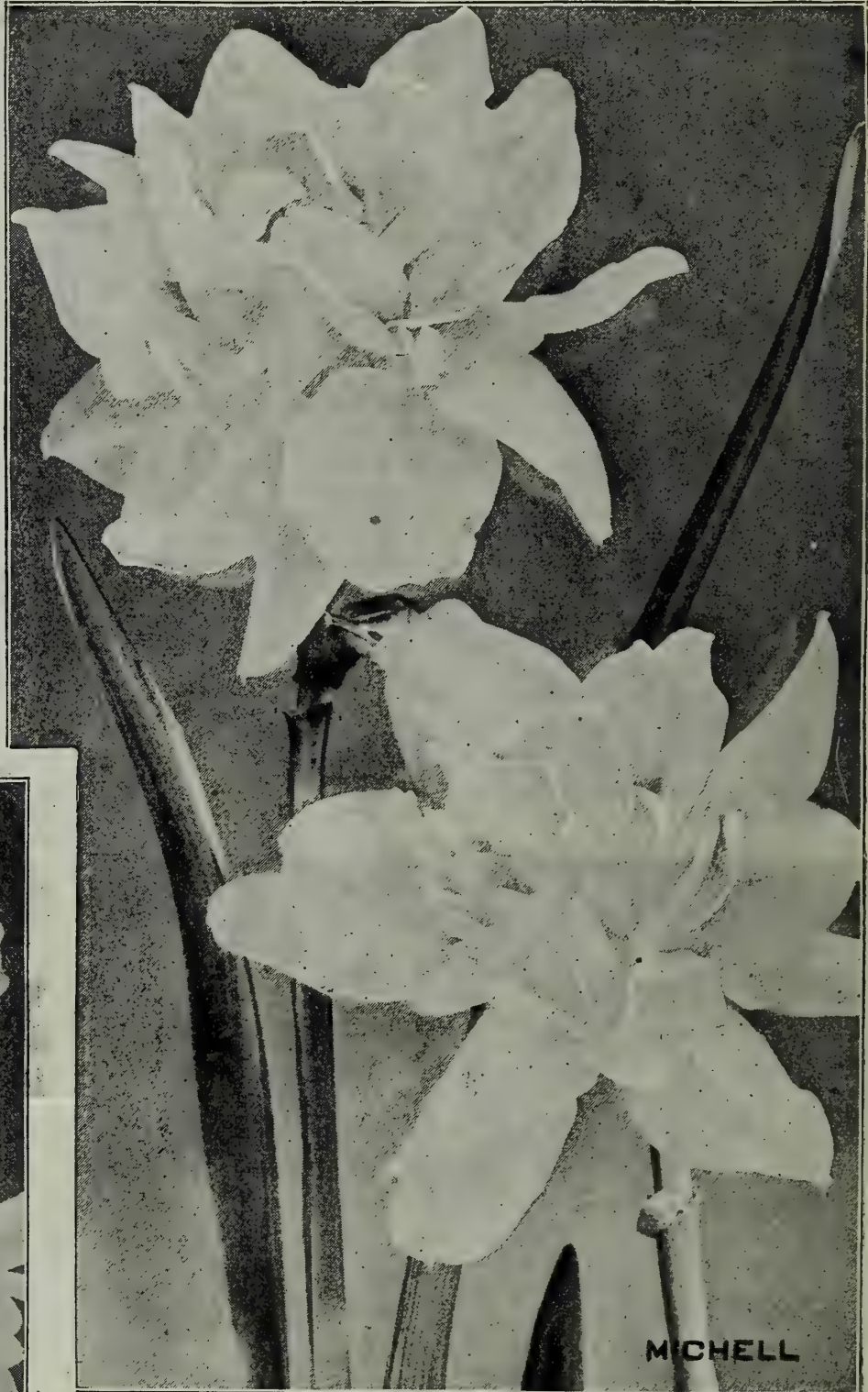
The Narcissus or Daffodil is becoming more popular every year. It is hardy in every way and thrives most anywhere. For naturalizing in woods and fields, nothing equals it. When once established they multiply rapidly and in a short time cover tremendous areas. They can also be used for forcing, for which purpose they are highly desirable. Plant in a pan or pot anywhere from 3 to 12 bulbs, according to size of bulb. After they have been forced and flowered they can be planted out doors for another year's bloom. We offer large bulbs only.

Alba Plena Odorata. A very sweet-scented pure white variety called Double Poets Narcissus; it flowers later than many of the other daffodils, and is not desirable for forcing. It makes a handsome show bedded among perennial plants and shrubbery; height about 15 inches. 3c. each; per doz., 20c.; \$1.00 per 100; \$9.00 per 1000.

Incomparable Double. On account of the peculiar suffusion of the colors in the flower, this variety is also known as "Butter and Eggs." The color is yellow and orange and makes an attractive cut bloom. Its greatest value is for outdoor planting as it does not force so well. Height about 16 in. 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$12.00

Orange Phoenix A variety similar to the above, except for coloring, which is a light yellow, almost white, with a yellow centre. It is splendid for forcing or pot culture. It is also called "Eggs and Bacon." Height, 16 in. 4c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$14.50.

Sulphur (or Silver) Phoenix. Flowers very large, bluish-white; the centre is sulphur colored; excellent for forcing or outdoor planting. Height, about 18 in. 4c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$17.50.



Michell's Double Narcissus. *Monster Von Sion.*



Michell's Double Narcissus *Alba Plena Odorata.*

Von Sion. (*Telimonius Plenus.*) The true double daffodil. Our stock of these comes from one of the largest daffodil producers in Holland. The color is a pure golden yellow entirely free from green tipped flowers, which are often found in cheap grades. For forcing or outdoor planting it has no equal. It should be planted extensively for naturalizing.

| | Each | Doz. | 100 | 1000 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|--------|---------|
| Extra Selected Bulbs | \$.04 | \$0.30 | \$1.75 | \$16.00 |
| Mammoth Size Bulbs | .05 | .50 | 3.00 | 25.00 |
| Monster Bulbs , producing three or more flowers per bulb, 10c. each; per doz., \$1.00; \$6.00 per 100; per 1000, \$50.00. | | | | |
| Double Mixed Narcissus. All shades, varieties and colors. A quantity of these make a handsome investment, and at the low price which they are offered, should be planted extensively. Do not force the mixed narcissus. 2c. each; per doz., 20c.; \$1.00 per 100; per 1000, \$8 50. | | | | |

If desired by mail, add 8c. per doz. for postage. Single Bulbs mailed free.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S "SUPERB" EASTER LILY BULBS



LILIUM HARRISII
(The Bermuda Easter Lily)

Cultural Note—In order to obtain best results, attention to the following brief directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well-rotted cow manure in the bottom of the pot and place the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes or any other suitable litter. When the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60°; let the plants grow slowly under a bench or some other suitable place until about 6 inches high; then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time. An occasional application of liquid cow manure, starting about six weeks before flowering time, will stimulate the plant wonderfully. *Thorough rooting is the most essential point.*

MICHELL'S "SPECIAL BRAND"
LILLIUM HARRISII
(True Bermuda Easter Lily)

Noted for freedom from disease, uniformity and free flowering qualities.

| Size in Circum. | Each | Doz. | 100 | 1000 |
|--------------------|--------|--------|--------|---------|
| 5 to 7 inches..... | \$0.10 | \$1.00 | \$6.50 | \$62.50 |
| 6 to 7 "..... | .15 | 1.50 | 9.00 | 85.00 |
| 7 to 9 "..... | .25 | 2.50 | 15.00 | 135.00 |
| 9 to 11 "..... | .50 | 5.00 | 35.00 | |
| 11 to 13 "..... | .75 | 7.50 | 57.50 | |

JAPANESE EASTER LILIES

Upon arrival of bulbs plant at once in suitable size pots, using coarse soft-coal ashes for drainage in the bottom, giving them a soil composed of sandy loam and well enriched with about 1/3 well rotted horse or cow manure.

Put them in a protected place, soak down with water very heavy, and after two or three days cover the pots with 2 or 3 inches of ashes.

Place lilies where they are to bloom after January 1st, giving them a temperature, as near as possible, of 60° night and 70° day for about 10 days, then 70° night and 80° day until buds can all be counted.

During this period manure-water them regularly once a week with the following liquid: 1 bushel cow manure (fresh), and one 4-in. pot full of nitrate of soda to each 50 gallons of water.

Spray the foliage once a day (twice a day when clear weather). It is also very important to never allow the soil to get very dry, and never feed unless the soil is moist.

When the buds can be counted easily, move plants where you can get the temperature down gradually, and finally mulch them with either a little sheep manure or bone-flour.

LILIUM LONGIFLORUM MULTIFLORUM

MICHELL'S SPECIAL BRAND

This brand must not be compared with lower priced bulbs, as it is a distinct selection.

| | Each | Doz. | 100 | 1000 |
|-----------------|--------|--------|--------|---------|
| 6 to 8 in..... | \$0.08 | \$0.80 | \$5.50 | \$47.50 |
| 7 to 9 "..... | .12 | 1.30 | 9.00 | 70.00 |
| 8 to 10 "..... | .18 | 1.75 | 10.50 | 95.00 |
| 9 to 10 "..... | .25 | 2.25 | 12.00 | 105.00 |
| 10 to 12 "..... | .35 | 3.50 | 20.00 | 185.00 |

LILIUM FORMOSUM—GIGANTEUM

Dark Stem Variety
(The Formosa Easter Lily)

This variety is fast becoming very popular; it has every good feature that the other Easter lilies possess—freedom of bloom robust habit, etc. It resembles the **Japanese Easter Lily**, but blooms earlier and grows taller. Our stock was grown by the originator and is extra fine.

| | Each | Doz. | 100 | 1000 |
|---------------------------|--------|--------|--------|---------|
| 6 to 8 inches circum..... | \$0.15 | \$1.25 | \$7.00 | \$60.00 |
| 7 to 9 " "..... | .20 | 2.00 | 11.00 | 90.00 |
| 9 to 10 " "..... | .30 | 2.75 | 15.00 | 140.00 |
| 10 to 11 " "..... | .50 | 4.00 | 25.00 | 175.00 |

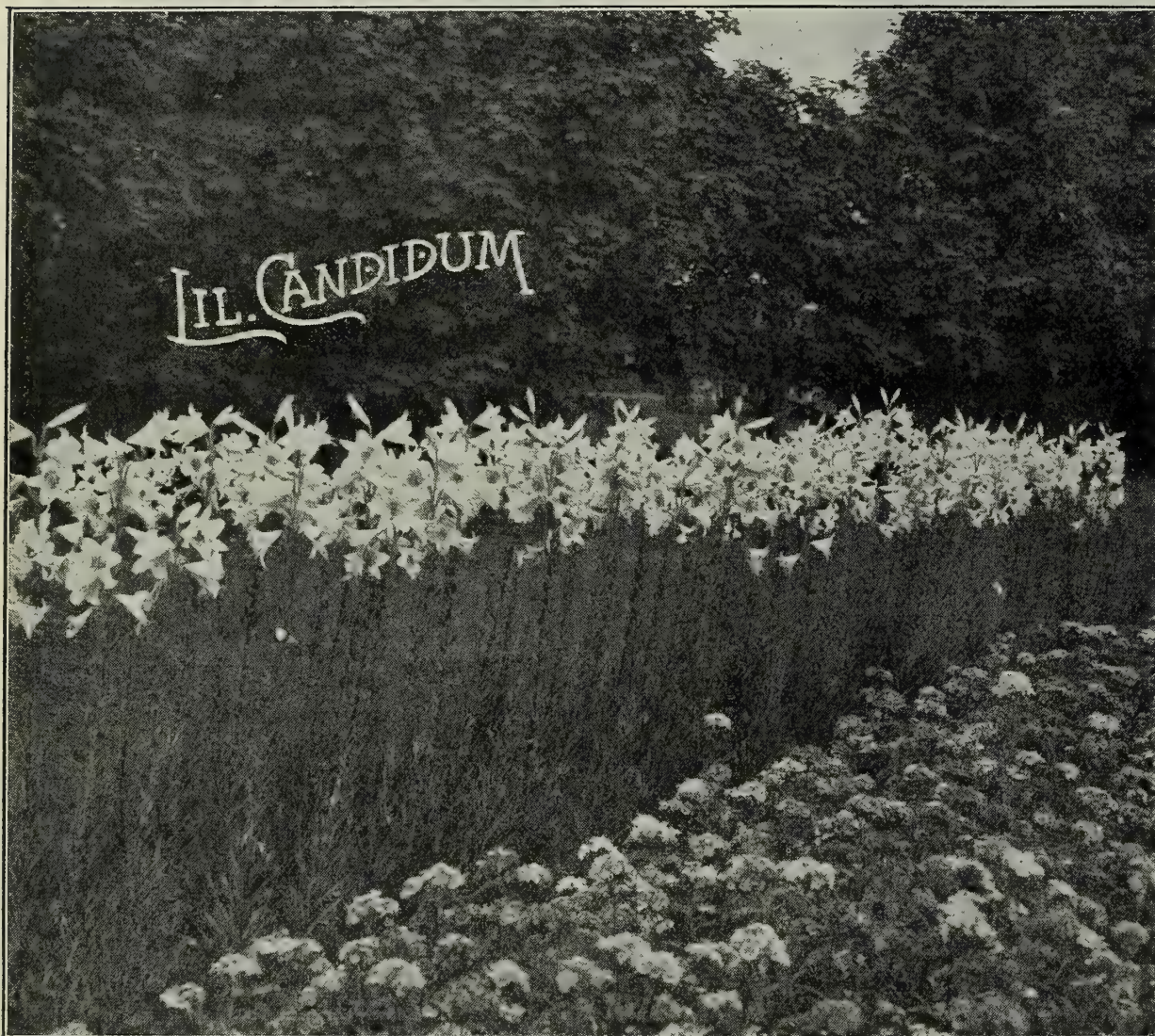
A NECESSITY IN BULB CULTURE

Shredded Cow Manure will be found invaluable when making potting soil, for mulching or for using in liquid manure form. One sack of this is equal to one cartload of fresh cow manure, is convenient to handle, making it possible for everyone to get this usually scarce article at all times. In 100-lb. sacks only. \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; ton, \$30.00.



6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S HARDY GARDEN LILIES



LILIUM CANDIDUM WITH SWEET WILLIAM IN THE FOREGROUND
A BEAUTIFUL COMBINATION

What garden could be called complete without a fair display of these stately flowers. Their graceful habits, their ability to adapt themselves to special locations and the variety of them to have flowers almost the entire summer makes them very valuable. Their culture is simple yet a few rules must be strictly observed to make them grow successfully.

All lilies should be planted from 6 to 8 inches deep, the Japanese varieties even 12 inches deep, the bulbs themselves should be completely enveloped in sand; no manure should come in contact with the bulb, but may be placed 4 to 6 inches underneath, all loose petaled bulbs should be planted on their side instead of upright.

These are sometimes grown in pots for indoor blooming, in which case they are handled much like the Bermuda Easter Lily; we recommend, however, they should be grown exclusively outdoor.

Wild gardening, a feature becoming popular of late, gives lilies the foremost place.

In winter all lilies should have a protection with leaves or manure.

Auratum (*Golden Banded Lily from Japan*). A variety planted most extensively; flowers of enormous size, measuring frequently 8-12 inches across; pure white, spotted crimson; each petal is marked in the centre with a band of yellow. The height varies according to location; it prefers a moist, cool well-drained soil. Flowers in August, delightfully fragrant; a single stem produces on an average from 8 to 15 flowers. (*Ready in October.*)

| | Each | Doz. | 100 |
|---------------------|--------|--------|---------|
| Large Bulbs | \$0.15 | \$1.50 | \$10.00 |
| Mammoth Bulbs | .25 | 2.50 | 15.00 |
| Monster Bulbs | .35 | 3.50 | 25.00 |

Candidum (sometimes called St. Joseph's; Madonna, or Annunciation Lily). One of the most popular and satisfactory of the American garden lilies. Pure waxy white flowers produced on straight stems bearing anywhere from 10 to 30 blooms of good size and substance; delightfully fragrant. Effective plantings are the result of massing them in clumps or borders. Our bulbs are grown in Northern France, where they have a reputation of growing the finest in the world. To insure absolute success, plant the bulbs as early as possible—September preferred—6 inches deep imbedded in sand and placed on their side; height, 4 feet; blooms in June.

| | Each | Doz. | 100 | 1000 |
|---------------------|--------|--------|--------|---------|
| Large Bulbs | \$0.10 | \$1.00 | \$7.00 | \$65.00 |
| Mammoth Bulbs | .15 | 1.50 | 10.00 | 90.00 |
| Monster Bulbs | .25 | 2.50 | 17.50 | 150.00 |

Melpomene (*Japan*). Rich deep pink, spotted dark red; free blooming and robust in growth; very fragrant; height, 3½ feet; flowers in August.

| | Each | Doz. | 100 |
|---------------------|--------|--------|---------|
| Large Bulbs | \$0.15 | \$1.50 | \$10.00 |
| Mammoth Bulbs | .25 | 2.50 | 15.00 |

Speciosum Album (*Japan Lily*). The best late flowering pure white hardy garden lily of easy culture. The slender graceful stems and foliage are set off to wonderful advantage by the glistening pure white blooms clustered from 6 to 10 around the stem; the petals recurve and show the prominent red pistil in the centre; height, 4 feet; blooms August and September.

(*Ready in October.*)

| | Each | Doz. | 100 |
|---------------------|--------|--------|---------|
| Large Bulbs | \$0.20 | \$1.80 | \$12.50 |
| Mammoth Bulbs | .25 | 2.50 | 15.00 |

Speciosum Magnificum (*Japan*). An enormous flower rich deep pink, spotted crimson; the form of flower is recurved like "Speciosum Album"; this is one of the grandest of the Japanese varieties; height, 3 feet; flowers in August.

| | Each | Doz. | 100 |
|---------------------|--------|--------|---------|
| Large Bulbs | \$0.15 | \$1.50 | \$10.00 |
| Mammoth Bulbs | .25 | 2.50 | 15.00 |

Speciosum Rubrum or Roseum (*Japan*). Delicate pink, almost white, spotted red; one of the old garden favorites; very hardy; height, 3 feet; flowers in August and September.

Large bulbs, 15c. each; doz., \$1.50; \$10.00 per 100.
Mammoth bulbs, 25c. each; doz., \$2.50; \$15.00 per 100.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S HARDY GARDEN LILIES



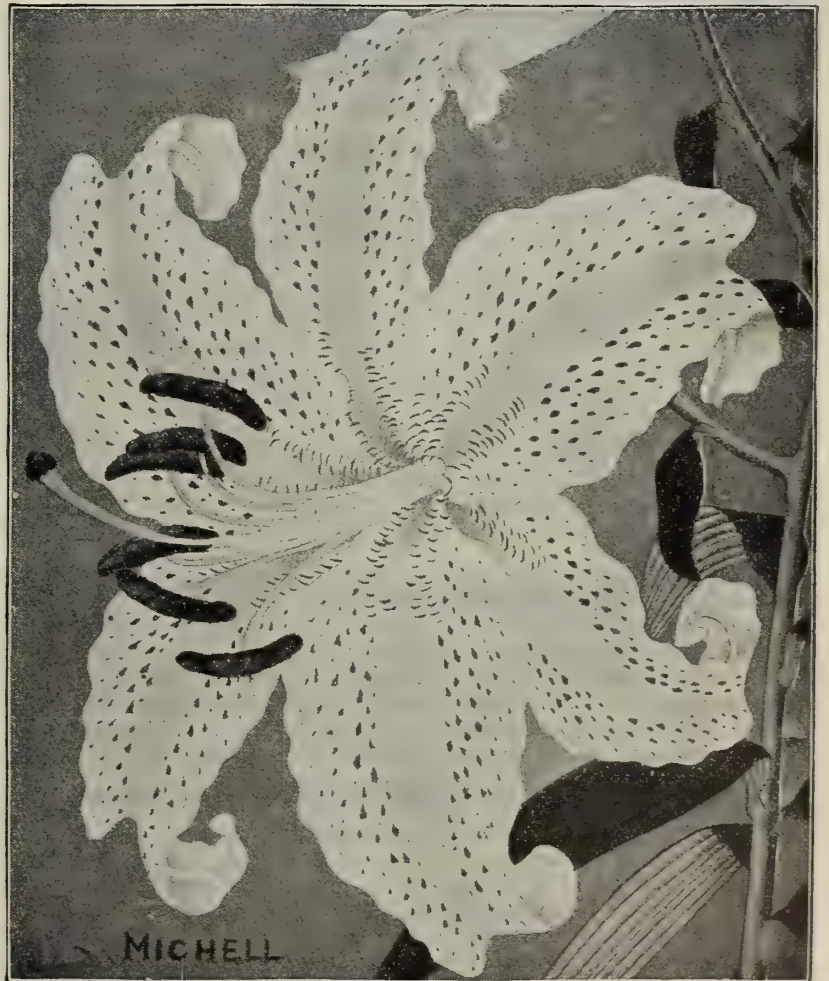
OLD FASHIONED TIGER LILIES

The improved Tiger Lily, one of the hardiest in cultivation, which succeeds and increases in all climates; splendid for naturalizing in groups and around shrubbery. The orange blossoms are heavily spotted maroon and borne in clusters of from 4 to 10 blooms on a straight heavy stalk, often 5 feet in height. Deep purple seed pods form on the axils of the leaves; blooms in July.

Tigrinum Splendens Simplex. Mammoth bulbs grown in Japan, 10c. each; doz., \$1.00; \$7.50 per 100.

Tigrinum Splendens (Flore Pleno). A double form of the above, retaining its flower longer, otherwise is as above. Mammoth bulbs grown in Japan, 15c. each; doz., \$1.50; \$10.00 per 100.

| | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|
| Canadensis (<i>Canadian Bellflower Lily</i>). Easily cultivated and multiplies readily; bright yellow bell-shaped flowers hanging downward; petals are spotted black on inside; flowers June and July; 2 feet | Each | Doz. | 100 |
| | \$0.10 | \$1.00 | \$7.00 |
| Canadensis Rubrum. Same as above, crimson with black spots | .15 | 1.50 | 10.00 |
| Elegans, Red. One of the earliest lilies to bloom, flowering early June; 2 feet; large open flowers stand upright in clusters from 3 to 5 on a stout stem | .15 | 1.50 | 10.00 |
| Elegans, Yellow. A yellow form of the above | .15 | 1.50 | 10.00 |
| Hansoni. Often grows from 3 to 5 feet high, flowers reddish orange 8 to 12 in a cluster; petals thick and durable | .50 | 5.00 | 40.00 |
| Henryi (<i>New and Rare</i>). Tall grower, often 7 feet; producing flowers of a distinct orange yellow in great profusion | 1.00 | 10.00 | |
| Superbum (<i>Turk's Cap Lily</i>). One of the best lilies for all purposes; will succeed everywhere; according to location, will grow from 3 to 6 feet high and produce from 5 to 45 nodding brilliant orange red flowers on a single stalk during July | .15 | 1.50 | 10.00 |
| Tenuifolium (<i>Coral Lily</i>). Brilliant scarlet, Turk's cap flowers, of rather small size, hang downward on a small but gracefully formed tree-like plant; splendid for edges of borders, rockeries or cutting; foliage very slender; flowers in May | .15 | 1.50 | 10.00 |
| Umbellatum. A showy, massive lily, flowering in June; the broad, open flowers appear upward from 5 to 8 on a stout stalk, 3 feet high; color, a glowing orange scarlet; most effective when planted in clumps | .15 | 1.50 | 10.00 |



Lilium Auratum

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MISCELLANEOUS WINTER AND SPRING BULBS ∴ FLOWERING ∴

ACONITE—Winter (*Eranthis Hyemalis*)

A very early golden yellow flowering bulb blooming with the Snowdrop. The foliage is quite dense and remains after the flower has died down. Aconite should be planted where it is shaded, preferably in a moist location; perfectly hardy. Height, about 6 inches. Dozen and 100 lots mailed free. 3c. each; 20c. per doz.; per 100, \$1.00; \$7.50 per 1000.



Winter Aconite



Allium Neapolitanum.

ALLIUM

Neapolitanum. Used extensively for indoor culture in pots and pans. It is especially adapted to forcing and makes an excellent cut flower; color pure white. Height 12 inches. It may also be planted outdoors among the hardy plants and is very effective in clumps of 25 or more. Dozen and 100 lots mailed free. Each, 3c.; 20c. per doz.; per 100, \$1.00; \$7.00 per 1000.

AMARYLLIS

For a practical showy house plant there is nothing of easier culture than these gorgeous lily-like flowers. Once potted they can remain in the same pots for years; increasing each year in beauty.

Cultural Directions: Place bulbs, on arrival, in damp moss in temperature of 60° and allow the flowering shoot to appear before the bulb is potted. When the plant is in progress of blooming water freely, other times sparingly.

Belladonna. A beautiful bright pink. 15c. each, per doz. \$1.50.

Formosissima. Crimson. 10c. each, per doz. \$1.00.

Hybrids of Vittata. Beautiful species, flowers striped and flaked. 50c. each, per doz. \$5.00.

Johnsoni. A very large crimson sort, striped white. Mammoth bulbs. 50c. each, per doz. \$5.00. Good size bulbs, 30c. each, per doz. \$3.00.

SMALL AMARYLLIS OR ZEPHYRANTHUS (*Fairy Lily*)

The sweet lily-like blossoms appear like magic, very soon after the bulb is planted in May and continue during the entire season. A splendid pot plant for winter blooming and of easiest culture. Plant at least six in a pan or pot to make an effect; height, 8 inches. *Ready in November.*

Treata Rosea. Pink flowers. **Alba.** Purest white. Each Doz. \$0.05 \$0.40

ANOMATHECA CRUENTA (*Scarlet Freesia*)

(Ready in November)

This little bulb produces an attractive scarlet flower much resembling the favorite Freesia. It is used principally for forcing indoors, but may be planted out if protected during winter. The flowers, which are borne in great profusion, are a rosy scarlet, spotted crimson on the three lower petals. Price includes postage on dozen and 100 lots. 3c. each; per doz., 20c.; \$1.00 per 100; \$8.00 per 1000.

BEGONIAS (*Tuberous Rooted*)

There hardly is a single garden in which there are not semi or entirely shaded spots where the average flower will not grow; such places are ideal for the begonia; yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninterruptedly from June till frost. The bright blooms contrast well with the deep-colored foliage. The bulbs must be lifted in the fall. If you have never grown them, try them this year; start your bulbs in March and have flowers in June. Plant bulbs outdoors not before May 1st.

SINGLE BEGONIAS

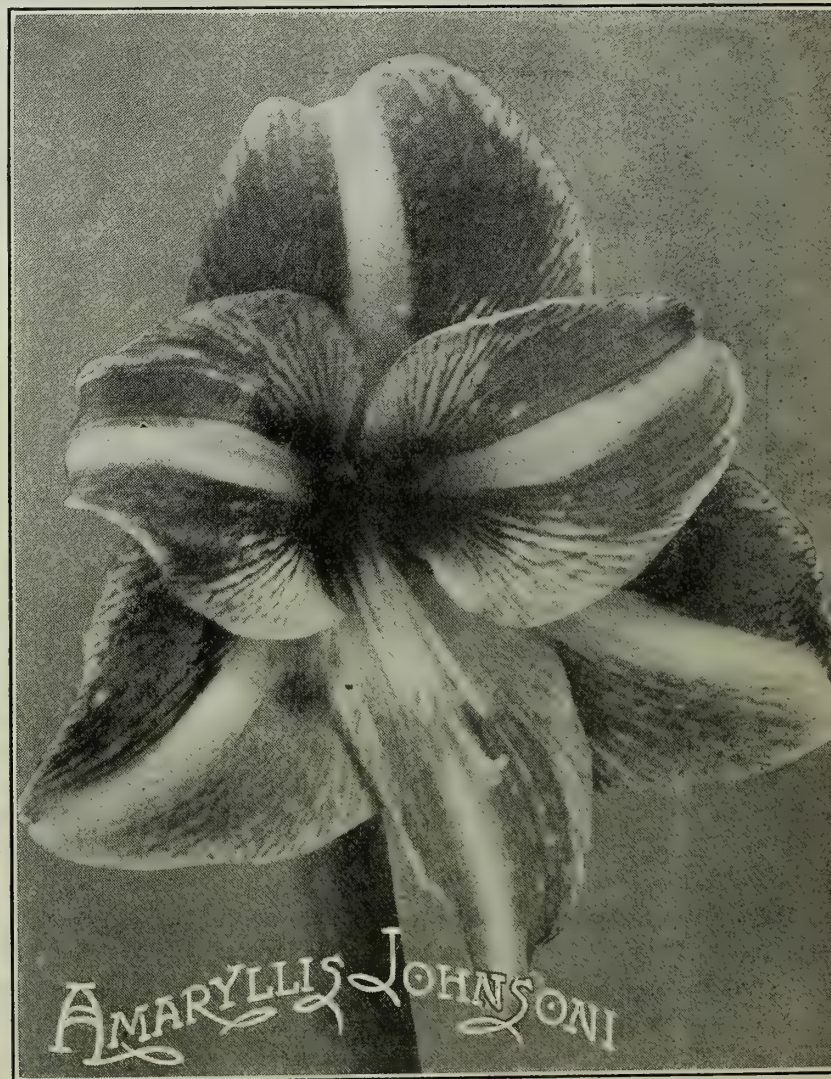
| | Each | Doz. | 100 | Each | Doz. | 100 |
|----------------------|-------|--------|--------|-------|--------|---------|
| Crimson | \$.10 | \$1.00 | \$6.00 | \$.15 | \$1.50 | \$10.00 |
| Orange | .10 | 1.00 | 6.00 | .15 | 1.50 | 10.00 |
| Pink | .10 | 1.00 | 6.00 | .15 | 1.50 | 10.00 |
| Scarlet | .10 | 1.00 | 6.00 | .15 | 1.50 | 10.00 |
| White | .10 | 1.00 | 6.00 | .15 | 1.50 | 10.00 |
| Yellow | .10 | 1.00 | 6.00 | .15 | 1.50 | 10.00 |
| Mixed | .07 | .70 | 5.00 | .12 | 1.20 | 8.50 |

DOUBLE BEGONIAS

NEW FRILLED BEGONIAS (*Single*)

The edge of each flower petal is exquisitely frilled and crested, giving it thereby a charming appearance. Every one who grows Tuberous Begonias should plant some of this variety.

| | Each | Doz. | 100 |
|------------------------------------------|--------|--------|---------|
| In separate colors as above | \$0.20 | \$2.00 | \$15.00 |
| Mixed, all colors | .15 | 1.50 | 10.00 |



AMARYLLIS JOHNSONI

ANEMONES (Wind Flowers)

These popular flowers of French origin are exceedingly useful, both as a decorative plant for house or garden, fine for cutting. If planted outdoors in the fall they must be well protected with leaves or other litter, they may also be planted in the spring in well drained soil and will flower during the summer, starting in May. When planted in pots place 12 or more in a cluster and store away, if possible, in a cold frame, there they should be left until the middle of March; if carefully watered when brought into the house they will flower abundantly; height, 12 inches.

CORONARIA OR POPPY FLOWERING TYPES

| | Each | Doz. | 100 | 1000 |
|------------------------------------|-------|--------|--------|---------|
| Single Scarlet | \$.03 | \$0.20 | \$1.25 | \$10.00 |
| " Blue | .03 | .20 | 1.25 | 10.00 |
| " White (<i>The Bride</i>) | .03 | .20 | 1.00 | 7.50 |
| " Mixed, all colors | .03 | .20 | 1.00 | 7.50 |
| Double Mixed, all colors | .03 | .25 | 1.50 | 11.00 |

Anemone, St. Brigid (*Semi Double*). A giant flowering type of Irish origin, magnificent blooms often 5 inches across, of the richest and daintiest colors, covering maroon, scarlet, blood red, old rose, pink, blue, purple, mauve, yellow, cream white; most of them having a bright colored ring around the centre. Mixed Colors. 5c. each; doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

Anemone, Fulgens (*Single*). Dazzling scarlet flowers surrounded with graceful foliage, makes a pot of these a most desirable acquisition. One of the showiest anemones in cultivation, the shade of color being a rarity. Each, 4c.; 30c. per doz.; per 100, \$2.00; \$17.50 per 1000.



COCOANUT FIBRE

A substitute for soil; splendid for growing bulbs in the house. 10c. qt., 4 qts. 25c., 40c. peck, bushel \$1.00. \$3.00 for 5 bus.



White Calla Lily

CALLA LILIES

These like a stiff, clayey soil with a small quantity of shredded cow manure; bulbs should be set with the crown or top protruding just above the surface. When in growing condition, warm water given several times during the week will hasten the flowering period and increase the number of blooms; of the large flowering varieties plant but one in a pot; of the Little Gem plant from three to six in a pot. We call especial attention to the yellow calla, which is one of the grandest varieties in cultivation. Plant Callas indoors only.

WHITE CALLA (*Aethiopia*)

| | Each | By Mail | Doz. | 100 |
|---------------------------|-------|---------|--------|---------|
| White, Monster Size | \$.40 | \$0.45 | \$4.00 | \$30.00 |
| " Mammoth Size | .25 | .30 | 2.50 | 17.50 |
| " Medium Size | .15 | .18 | 1.50 | 10.00 |
| " First Size | .10 | .12 | 1.00 | 7.50 |

BLACK CALLA. Dark flower. This variety should be watered sparingly until growth appears (ready in October). 15c. each; per doz., \$1.50; \$10.00 per 100.

SPOTTED CALLA. White flower, green foliage spotted white (ready in October). 10c. each; per doz., \$1.00; \$7.00 per 100.

LITTLE GEM CALLA. Our stock of these is genuine, being procured direct from the original source. The plant and flower are indeed a curiosity. In appearance and growth it is just like the White Calla, except that the flower and plant are much smaller. They are very free bloomers and are excellent for cutting or as pot plants. 10c. each; per doz., \$1.00; \$6.00 per 100.

YELLOW CALLA (*Elliottiana*). A grand novelty, one that should be planted extensively. The deep golden yellow flowers are truly magnificent, and produced in abundance. The green foliage is spotted creamy white, which adds to its beauty. 25c. each; doz., \$2.50; \$18.00 per 100.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



MICHELL'S MAMMOTH FLOWERING CHINESE LILIES

This type of *Narcissus (Orientalis)* is also known as Joss Flower, Shui Sin Far, or Flower of the Gods, is a most remarkable house flower, producing its beautiful, fragrant blossoms of white and yellow in the astonishing short time of 4 to 6 weeks. Popularly they are grown in bowls of water and pebbles; the most satisfactory method of treating them is as follows:

Place from 3 to 6 bulbs in a bowl on top of pebbles to the depth of 2 inches; also place a piece of charcoal with the pebbles to keep the water sweet. Place more pebbles around the bulbs so they will not topple over and then fill the bowl with water to the top of pebbles. After being planted they should be stored for three weeks in a cool, dark corner and then brought forth to a light but cool place, where they will grow to the highest point of perfection. Excessive heat produces quick growth but will blight the buds and no flowers are the result; they also do best where no coal stoves or gas-lights are used in the room where they flower.

They may of course also be grown in pots with soil or sand, cocoanut fibre and moss. To have succession of blooms, start a fresh bowl every 2 weeks during the winter.

| | Each | 3 Bulbs | Doz. | Basket of 30 Bulbs |
|---------------------|--------|---------|--------|--------------------|
| Mammoth Bulbs | \$0.15 | \$0.40 | \$1.50 | \$3.50 |
| Large Bulbs | .10 | .25 | .90 | 2.00 |

If wanted by mail add 3c. per Bulb for postage.

GOLDEN CHINESE LILY

A beautiful variety. The centre cup is deep yellow while the perianth is lighter. Treat exactly the same as the regular Chinese Lily. Very fragrant.

Large Bulbs—5c. each; per doz., 50c. (by mail, 65c.); \$3.50 per 100.

BOWLS FOR CHINESE LILIES. Glass, for one bulb—15c. each; per doz., \$1.50.

Glass, for three bulbs—25c. each; per doz., \$2.50.

IMARI OR JAPANESE BOWLS. Small—20c. each; per doz., \$2.00. Medium—30c. each; per doz., \$3.00. Large—40c. each; per doz., \$4.00.

(Chinese Lily Bowls cannot be mailed.)

PEBBLES for Chinese Lilies. Carefully screened and selected. 8c. per qt.; 40c. per peck; bushel, \$1.25. (Pebbles cannot be mailed.)



CHIONODOXA (Glory of the Snow)

One of the first flowers to appear in the spring. They make a handsome show, each bulb producing several flower spikes. They are perfectly hardy and do not need any protection. They are frequently planted in masses on a lawn like Crocus. For edging other early flowering bulb beds they are well suited. Height about 6 inches.

Gigantea. Large flowers; color lilac blue, white centre. 25c. per doz.; per 100, \$1.50; \$10.00 per 1000.

Lucillae. Bright blue with white centre. 15c. per doz.; per 100, \$1.00; \$8.00 per 1000.

Sardensis. Very deep blue with white centre. 15c. per doz.; per 100, \$1.00; \$8.00 per 1000.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

BULBS PLANTED IN FALL Make Beautiful SPRING SHOWS

CROWN IMPERIAL

(*Frittilana Imperialis*)

A majestic plant appearing in its grandeur in the early spring before the trees burst into leaf. The large bulbs produce stout stems 3 to 4 feet long with a crown-like cluster of bell-shaped flowers at the top, which are gorgeous in coloring. The bulbs have a deep opening in centre and it is advisable when planting to place the bulb on its side, so the rain and water cannot settle in the opening and cause the bulb to decay. These are ideal for planting in hardy borders or shrub beds, but should be massed at least six in a clump. We furnish Mammoth Bulbs only.



Crown Imperial "Crown upon Crown"

| | Each | Doz. | 100 |
|------------------------------------|--------|--------|---------|
| Single Red | \$0.15 | \$1.50 | \$11.00 |
| Single Orange | .20 | 2.00 | 15.00 |
| Double Red (Crown upon Crown) | .20 | 2.00 | 15.00 |
| Single Mixed | .12 | 1.25 | 8.00 |
| Double Mixed | .12 | 1.25 | 8.00 |



Dielytra Spectabilis (Bleeding Heart)

DIELYTRA (Bleeding Heart)

(Ready in November)

Spectabilis. A very ornamental spring-flowering plant. The flowers, which are heart-shaped, are produced on long drooping stems, of a beautiful rose and white color combination. It is the earliest spring plant to flower, with the exception of some bulbs. After the flower has bloomed away, the plant makes a very attractive appearance with its foliage. In order to make strong root development, the top may be cut away to the ground after the foliage has thoroughly developed. Dielytra forces very readily and is very attractive in a greenhouse or conservatory. We offer very strong, large roots. 15c. each (by mail, 20c.); per doz., \$1.50; \$10.00 per 100; per 1000, \$00.00.

GLOXINIAS (Ready in December)

A splendid house plant producing clusters of gorgeously colored, marked and spotted bell-shaped flowers, which outrival the finest orchids in texture and appearance. Their culture is very simple; they require a warm, fairly shady location and plenty of moisture. One must avoid having water drop on the foliage. The soil in which they are grown must be moderately rich and fairly light.

| | Each | Doz. | 100 |
|------------------------------|--------|--------|---------|
| Red and Scarlet | \$0.15 | \$1.50 | \$10.00 |
| White | .15 | 1.50 | 10.00 |
| Blue | .15 | 1.50 | 10.00 |
| White Spotted Scarlet | .15 | 1.50 | 10.00 |
| Scarlet Bordered White | .15 | 1.50 | 10.00 |
| Blue Bordered White | .15 | 1.50 | 10.00 |
| Choicest Mixed | .10 | 1.00 | 6.00 |

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S GIANT FREESIAS

Without doubt the most sweetly scented flower growing; a single bloom permeates the living-room with its delicate perfume. Although they are quite popular and very easily raised, we would suggest the following directions:

Procure the bulbs as early as possible and plant them in successive batches from August to October, using from 6 to 25 bulbs for a single pan. The soil should be a mixture of loam, to which must be added leaf mould and sand. The bulbs planted early, say August and September, may be placed outdoors in a sheltered spot until cold weather sets in, of course they must be regularly watered and kept growing all the time. In October before frosts appear the pots should be placed in frames if possible or near the window of an unheated room. Not before November must the young plants be brought to gentle heat and if thus cared for they will flower perfectly in January. The foliage of the Freesias is very fine and slender and must be supported with light stakes placed around the outer edge of the pans. The glistening pure white flowers are borne on long stems; very valuable for cutting.

Fischer's Purity. Gigantic flowers of the purest white on stout wiry stems, 2 feet in length; a revelation to those who only know the regular Freesia; as a cut flower they are unrivalled and very desirable.

| | Each | Doz. | 100 | 1000 |
|---------------------|--------|--------|--------|---------|
| Large Bulbs | \$0.04 | \$0.40 | \$2.75 | \$22.50 |
| Mammoth Bulbs | .08 | .75 | 4.00 | 30.00 |
| Monster Bulbs | .10 | 1.00 | 5.00 | 45.00 |

Bermuda Freesia. These are grown by a renowned specialist and produce pure white flowers

| | Each | Doz. | 100 | 1000 |
|---------------------|--------|--------|--------|--------|
| Large Bulbs | \$0.03 | \$0.20 | \$1.00 | \$8.00 |
| Mammoth Bulbs | .04 | .30 | 1.50 | 10.00 |

California Freesia. The white flowers have a yellow throat.

| | Each | Doz. | 100 | 1000 |
|---------------------|--------|--------|--------|--------|
| Large Bulbs | \$0.02 | \$0.15 | \$0.75 | \$6.00 |
| Mammoth Bulbs | .03 | .20 | 1.25 | 9.00 |
| Monster Bulbs | .05 | .35 | 2.00 | 15.00 |

Leichtlini. Outside of flower is white, while the inside is yellow.

Each, 3c.; per doz., 25c.; \$1.50 per 100.



Fischer's Purity Freesia

MICHELL'S BULB GROWING GUIDE

Bound into a heavy cover, we have issued the above booklet containing not only the most up-to-date cultural directions in general but giving a very concise detail to what use each variety is best put to and in addition describing very explicitly each and every bulb offered in this Catalogue. We want every bulb grower to possess this instructive guide. Mailed or handed free to every applicant.

BOOKS ON GROWING OF BULBS AND FLOWERS

A good book on the subject aids very much in the pleasure derived from growing bulbs either indoors or out. With this end in view, we have selected from a large list the following publications which we can recommend:

American Flower Garden. By Nelye Blanchau, planting tables by Leonard Barron. An authoritative work with 4 color plates and 80 other illustrations. Indexed so that any of the thousands of matters referred to make its study a pleasure. Price, \$5.25.

The Hardy Garden Book. By H. Rutherford Ely. Price, \$1.85.
The Scented Garden Book. By F. W. Burbridge. Price, \$1.10.
The Wild Garden Book. By S. W. Fitzherbert. Price, \$1.10.
The Winter Garden Book. By D. S. Fish. Price, \$1.10.

* **Bulbs.** By S. Arnott. Price, \$1.10.
Bulbs and Tuberos Rooted Plants. By C. L. Allen. \$1.50.
Daffodils—Narcissus: How to Grow Them. By A. M. Kirby. Price, \$1.00. (Postpaid, \$1.20.)

* **The Daffodil.** By S. E. Bourne. Price, \$1.10.
 * **The Iris.** By Irwin Lynch. Price, \$1.10.
 * **The Lily.** By W. Goldring. Price, \$1.10.

* Are European publications.

MATERIAL FOR SUCCESSFUL HOUSE CULTURE OF BULBS

| | Qt. | 4 Qts. | Peck | Bu. | Bbl. |
|-----------------------------|--------|--------|--------|--------|--------|
| Charcoal (Lump) | \$0.05 | \$0.15 | \$0.25 | \$0.75 | \$1.75 |
| Cocoanut Fibre | .10 | .25 | .40 | 1.00 | |
| Leaf Mould | .05 | .15 | .25 | .75 | 1.50 |
| Pebbles | .08 | .25 | .40 | 1.25 | 2.00 |
| Potting Sand | .05 | .15 | .20 | .60 | 1.50 |
| Prepared Potting Soil | .05 | .15 | .20 | .60 | 1.50 |
| | | | Each | Doz. | 100 |
| 6-inch Bulb Pans | | | \$0.07 | \$0.68 | \$3.75 |
| 7 " " " | | | .08 | .80 | 6.00 |
| 4 " Pots | | | .02 | .18 | 1.38 |
| Hyacinth Glasses | | | .20 | 2.00 | 15.00 |

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

WINTER FLOWERING GLADIOLUS

Cardinalis, Nanus or Colvilli Types

Ready in October

While still a novelty this class of Gladiolus has been thoroughly tried in every section of this country and seems to have a place all its own. Not only may they be grown in cool conservatories or dwelling houses during the winter for flowering from March till May, but they are a hardy bulb and may be planted outdoors in the late fall, 4 to 6 inches deep and protected with at least a covering of from 4 to 6 inches of leaves or dry manure, this protection must be removed early in the spring and in its place between the rows use a layer of fresh manure.

For indoor culture place 6 to 12 bulbs in pan filled with fairly sandy soil, place outdoors protected from frost until winter sets in, then remove to a light but cool corner of the cellar until February 1st, when they should be brought to gentle heat and light, water carefully; indoors this class flower in May, outdoors in July, a month earlier than the regular Gladiolus; stems and foliage very slender; these can also be grown on greenhouse benches among carnations; height, 20 inches.

| | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|
| Colvilli Alba (The Bride). Pure white | Each | Doz. | 100 | 1000 |
| | \$0.03 | \$0.20 | \$1.25 | \$9.00 |
| Blushing Bride (Delicatissima). white, blotched blood red on the three lower petals | .03 | .20 | 1.25 | 8.50 |
| Peach Blossom. Beautiful soft salmon pink, with a deeper blotch of the same color | .03 | .25 | 1.50 | 12.00 |
| Modesty. Soft delicate lavender, blotched mauve, equal to any orchid | .04 | .35 | 1.75 | 16.00 |
| Non Plus Ultra. Brilliant scarlet, blotched pure white, a most attractive flower, larger than any of the foregoing varieties.. | .04 | .35 | 1.75 | 16.00 |



New Forcing Gladiolus. Blushing Bride

LARGE FLOWERING GLADIOLUS

(Ready in December)

Varieties Suitable for Forcing

Besides for outdoor planting in either autumn or spring; these may be successfully forced in greenhouses to bloom from March to May. A cool temperature such as required for carnations is ideal; they may be placed on benches among carnations or planted by themselves; a flower which is coming into great popularity and which should be planted by every gardener, both indoors and out.

| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|
| America. Beautiful lavender pink wide open flowers, straight stem; a real beauty of dis-tinct merit | Each | Doz. | 100 |
| | \$0.10 | \$0.90 | \$6.00 |
| Augusta. Pure white, slightly flaked pink, all flowers open on the stem at one time | .05 | .50 | 3.00 |
| Brenchlyensis. For brilliancy of color few can touch this one; the dazzling scarlet flowers appear simultaneously on a straight stalk | .03 | .30 | 1.75 |
| May. White, flaked crimson; splendid forcer and very popular | .05 | .40 | 2.75 |
| Mrs. Francis King. Flowers of gigantic size, soft scarlet, on stems 4 feet long often longer when grown outdoors, producing several spikes from a single bulb; one of the most effective varieties | .05 | .50 | 3.75 |

We can also supply all other varieties of Gladiolus.



Gladiolus America

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S GIANT FLOWERING IRIS



This most useful class of flowers are gaining in popularity annually, they can be used in ornamental garden planting and are considered the poor man's orchid. By planting all classes one can have a continuous season of bloom from early May until the middle of July. The varieties offered by us blooming in the following order: 1st Pumila, 2d Susiana, 3d German, 4th Spanish, 5th English, 6th, Japanese. All make excellent cut flowers and, with the exception of Spanish and English, last from one planting many years. Most Iris planted in autumn flower the following spring and we encourage planting at that season.

IRIS PUMILA (*Ready in October*)

The first of the Iris to bloom resembling in appearance the German variety; the plants are 6 inches high and are ideal when used as an edging for taller varieties or in borders or rockeries; they delight in a fairly dry, high situation, and once planted will increase in numbers.

| | Each | Doz. | 100 |
|---------------------------|--------|--------|--------|
| Violacea, Dark Blue | \$0.10 | \$1.00 | \$7.50 |
| Azurea, Light Blue | .10 | 1.00 | 7.50 |
| Yellow | .10 | 1.00 | 7.50 |

IRIS SUSIANA (*Mourning Iris*) (*Ready in September*)

A variety originating in Asia Minor, it represents a class entirely in itself, both in habit, form and color. One cannot help to become enthused over it at first sight. The massive, truly gigantic flowers when fully developed measure 4½ inches in height and 5 inches across, are of most distinct coloring, viz: grayish white, finely penciled, mottled and striped deep brown; the inner falls are a solid maroon shade, coated velvety and covered with long attractive hairs. They may be grown in pots as well as outdoors; to get perfect flowers we suggest the use of a cold frame. If planted outdoors select a well protected location, preferably in front of a building; add sand to a heavy soil and dry manure. We recommend a slight protection during the winter.

Strong Bulbs, 15c. each; \$1.50 doz.; 100, \$11.00.

IRIS GERMANICA (*German Iris*) (*Ready in September*)

This is the popular "Flag Iris," thriving best in a high dry soil; when planting observe that the growing part of the crown protrudes from the soil, and only when established should this be covered entirely; most effective when planted in masses either in the hardy border in front of shrubbery or in beds by themselves on the lawn.

| | Each | Doz. | 100 |
|--------------------------------------------|--------|--------|---------|
| Glorie de Hillegom. Light blue | \$0.20 | \$2.00 | \$12.50 |
| Innocenza. Pure white | .20 | 2.00 | 12.50 |
| Kharput. Deep blue | .20 | 2.00 | 12.50 |
| Mad. Chereau. White, edged blue | .20 | 2.00 | 12.50 |
| Maori King. Rich golden yellow | .20 | 2.00 | 12.50 |
| Queen of May. Light pink | .20 | 2.00 | 12.50 |
| Pallida Dalmatica. Delicate lavender | .25 | 2.50 | 15.00 |
| Mixed Varieties, all colors | .15 | 1.50 | 10.00 |





(Spanish Iris)

IRIS HISPANICA (Spanish Iris)

Graceful slender stems, a loose but beautiful flower, the charming colors thereof produce a combination not surpassed by an orchid. The exclamation of delight at first sight given forth by those who have not previously seen them are undisputable proof of their well-deserved merit. The finest effect with them are produced when planted in clumps of 25 or a hundred bulbs and even more either in the perennial border or by themselves; the stems are from 18 to 24 inches long; flowering period in May and early June. They may also be grown in pots indoors and stored in cold frames during winter and forced in bloom from March to May. As they are a biennial they must be planted every other year.

NAMED VARIETIES (Large Bulbs)

| | Doz. | 100 | 1000 |
|---------------------------------------------------|--------|--------|--------|
| Adeline Patti. Dark bronze | \$0.15 | \$1.00 | \$7.00 |
| Alex. Von Humboldt. Light blue | .15 | 1.00 | 7.00 |
| Belle Chinoise. Dark yellow | .15 | 1.00 | 7.00 |
| Blanche Superbe. Pure white | .15 | 1.00 | 7.00 |
| British Queen. White, extra fine | .15 | 1.00 | 7.00 |
| Chrysolora. Deep yellow | .15 | 1.00 | 7.00 |
| Emperor of the West. Bronze | .15 | 1.00 | 7.00 |
| Jaune Brilliant. Beautiful yellow | .15 | 1.00 | 7.00 |
| King of the Blues. Deep blue, sweet scented | .15 | 1.00 | 7.00 |
| Midley. Pale blue, early forcer | .15 | 1.00 | 7.00 |
| Sapho. Very fine bronze | .15 | 1.00 | 7.00 |
| Snowball. Pure white, extra | .15 | 1.00 | 7.00 |
| Thunderbolt. Rich bronze | .15 | 1.00 | 7.00 |
| Mixed Colors | .12 | .75 | 5.50 |

Our bulbs of Spanish Iris and are all sure to bloom, being extra large.

IRIS ANGLICA (English Iris)

This type is very similar in character to the Spanish varieties, somewhat dwarfer, more robust, with heavier foliage and larger flowers, flowering two weeks later. These are not suited to forcing, blooming in June.

NAMED VARIETIES (Large Bulbs)

| | Each | Doz. | 100 | 1000 |
|---------------------------------|--------|--------|--------|---------|
| Blanche Fleur. Pure white | \$0.04 | \$0.35 | \$2.00 | \$15.00 |
| L'Unique. Bright claret | .04 | .35 | 2.00 | 15.00 |
| Argus. Pink and white | .04 | .35 | 2.00 | 15.00 |
| Bavaria. Light blue | .04 | .35 | 2.00 | 15.00 |
| Mixed, all colors | .03 | .25 | 1.25 | 10.00 |



Iris Kaempferi (Japanese Iris)

IRIS KAEMPFERI (Japanese Iris)

The King of all Iris, covering a wide range of color; named sorts can be selected to cover a flowering period of 5 weeks, from the middle of June into July. The flowers, many of them when spread, measure 12 inches across. While it succeeds generally in all soils, it delights and thrives best in a deep, rich, moist location. *Extra large field-grown clumps.*

| | Each | Doz. | 100 |
|-----------------------|--------|--------|---------|
| Mixed Varieties | \$0.15 | \$1.50 | \$10.00 |
| Named Varieties | .25 | 2.50 | 15.00 |

IXIA

A charming little stove and conservatory bulb. It may also be planted outdoors if put in a protected position with plenty of covering during winter, in well-drained soil.

Crateroides. A brilliant scarlet variety; forces very readily. 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$12.00.

Mixed. 12c. per doz.; per 100, 75c.; \$5.00 per 1000.

LACHENALIA (Cape Cowslip)

They should be grown in a cool place; where they will remain in bloom for six weeks. For indoor culture only.

Pendula. Vermilion, tipped green and purple; very odd. 20c. each; per doz., \$2.00; \$12.50 per 100.

LEUCOJUM VERNUM (Spring Snowflake)

See page 36 for illustration.

A beautiful early flowering bulb, rivaling for earliness with the snowdrop. Planted in clumps of from 25 to 100 bulbs among shrubbery in herbaceous beds, they show off to best advantage; color, pure white tipped green on the flower petal. These may also be forced gently for indoor blooming, flowering then about March; outdoors they bloom just as winter breaks up and the last snow is melting; we can recommend it highly; height about 7 inches. 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$12.00.



LILY OF THE VALLEY (Ready in December)

A beautiful pure white flower; principally used for winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-inch pot or pan, place outside, where they should be left until they have been subjected to several nights' freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place, preferably moist. They bloom in four weeks inside and, if planted at intervals, a succession of flowers can be had all winter. While the pips are adapted for outdoor culture, we especially recommend the clumps, for this purpose, as they give a quicker and better effect at less cost. These should be set about 12 inches apart each way, while the pips about 4 inches apart each way; outdoors they bloom in May.

Michell's Mammoth Russian. This is the finest strain of Valley procurable. 40c. per doz.; per 100, \$2.50; \$20.00 per 1000.

Michell's Berlin Pips. For forcing. 25c. per doz. (by mail, 30c.); 40c. for 25; \$1.50 per 100; per 1000, \$13.50.

Clumps. (Ready in November.) For outdoor planting only. 25c. per clump; per doz., \$2.50; \$18.00 per 100.

Cold Storage. Berlin, \$2.50 per 100; per 1000, \$22.50. Russian, \$3.00 per 100; per 1000, \$25.00. Cold Storage Valley can be supplied in lots of less than 500 at weekly periods only.

MONTBRETIA

(Ready in November)

A beautiful flowering bulb resembling a miniature Gladioli, absolutely hardy, and only effective if planted in masses from 50 to 100 bulbs in a clump. The bulbs can be planted as long as the ground is open, about 3 inches deep; they can also be planted in the early spring; height, 24 inches.

Crocsmiaeflora Type. Scarlet and yellow.

" **Aurantiaca.** Deep golden yellow.

" **Etoile de Feu.** Vermilion with yellow centre.

" **Germania.** Large, orange scarlet.

" **Speciosa.** Golden yellow.

" **Rayon d'Or.** Light yellow, spotted brown.

Price of any of the above: 3c. each; doz., 25c.; \$1.75 per 100.



MUSCARIA BOTYROIDES (Grape Hyacinth)

As boys and girls we probably knew these better as "Blue Bells"; this charming bulb is worthy of the best place in the flower garden. Plant them in clusters of 25 or more bulbs; for edging in double rows they are very effective around late tulip or daffodil beds, but they belong rightly in the hardy garden where they may remain undisturbed, increasing yearly in quantity and beauty. For forcing, 12 or more to a 6-inch pot or pan, they are fine, being handled like forcing tulips or hyacinths; outdoors they bloom in May; height, 6 inches.

| | | | |
|-----------------------------|--------|--------|--------|
| Alba. White | \$0.20 | \$1.00 | \$8.00 |
| Coerulea. Blue | .15 | .60 | 5.00 |

Monstrosa (Feathered or Plumed Hyacinths). This type is a violet blue, very interesting, resembling a wavy plume; grows about 12 inches high and thrives anywhere. Per doz., 25c.; \$1.25 per 100; per 1000, \$10.00.

ORNITHOGALUM (Star of Bethlehem)

An attractive flowering bulb for either indoor or outdoor culture. Pure white petal, petal streaked light green with a black flower centre. These are highly fragrant and are especially desirable for planting in woodlands for naturalizing; when used for this purpose, 6 to 12 bulbs should be planted in a clump. For indoor culture, treat them like hyacinths. Flowering time outdoors, April and May; sweet scented blooms appearing in umbels of 8 or 10 flowers to a stalk; height, 1 foot.

| | | | | |
|----------------|--------|--------|--------|---------|
| | Each | Doz. | 100 | 1000 |
| Arabicum | \$0.05 | \$0.40 | \$2.50 | \$22.50 |



Bermuda Buttercup Oxalis

OXALIS (Winter Flowering)

For conservatory, greenhouse and window garden culture the Oxalis is ideal. It succeeds anywhere and with anyone, flowering often in 6 to 8 weeks after planting. The Grand Duchess and Buttercup class are best for pot culture, the others for hanging basket purposes, although all may be grown successfully either way. Plant at least 6 bulbs of any variety in a suitable size receptacle, place them in a cool, dark place for about two to three weeks till thoroughly rooted, watering as required. The flowering period extends during the entire winter. For indoor planting only. To keep Oxalis free from insects, an occasional application of tobacco dust has proven to be best.

| | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|---------|
| Bermuda Buttercup. Pure yellow, free flowering variety. Large bulbs..... | Each | Doz. | 100 | 1000 |
| Large bulbs..... | \$0.03 | \$0.25 | \$1.50 | \$12.00 |
| Monster bulbs | .05 | .50 | 3.00 | 25.00 |
| Bowei. Large flowering, rich pink, very beautiful | .03 | .25 | 1.50 | 12.00 |
| Grand Duchess. A distinct bushy upright growing variety, suited best for pot culture; the flowers are gigantic, often measuring as large as a silver dollar: | | | | |
| Yellow | .03 | .25 | 1.50 | 10.00 |
| Lavender | .03 | .25 | 1.50 | 10.00 |
| White | .03 | .25 | 1.50 | 10.00 |
| Pink | .03 | .25 | 1.50 | 10.00 |
| Double Yellow (Lutea, Fl. Plena)..... | .03 | .25 | 1.50 | 10.00 |
| Pink (Hirta Rosea) | .03 | .25 | 1.50 | 10.00 |
| Versicolor. Red, Violet and White..... | .03 | .25 | 1.50 | 10.00 |
| White (Multiflora Alba) | .03 | .25 | 1.50 | 10.00 |
| Yellow (Lutea Simplex). Single | .03 | .25 | 1.50 | 10.00 |
| Mixed. All colors | .02 | .15 | 1.00 | 8.00 |

MICHELL'S BULB GROWING GUIDE

A complete treatise on growing all bulbs offered in this Catalogue indoor or outdoors. Free for the Asking.



PUSCHKINIA LIBANOTICA (Striped Squill or Scilloides)

This belongs to the family of Scillas and is among the most beautiful of all. The flowers, which are borne on spikes, are a beautiful combination of white and pale blue, having a stripe of the latter down each flower petal. It rivals in early spring beauty with the Snowdrop and Scilla Siberica, especially desirable for edging beds and borders or for planting in clumps of 25 to 100 bulbs; it can be flowered very easily indoors; plant 12 to 25 bulbs in a suitable pot or pan and leave covered outdoors until thoroughly rooted; height, 6 to 8 inches; flowering outdoors in April and May. 3c. each; doz., 25c.; \$1.50 per 100; per 1000, \$12.00.

ORDER BULBS EARLY

Our bulbs have such a splendid reputation we are frequently sold out of some varieties early. We, therefore, recommend the placing of orders as soon as our Catalogue is received.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S GORGEOUS (GIANT FLOWERING) PAEONIES



PAEONY CHINENSIS

This is the common garden variety in cultivation most everywhere.

| | Each | Doz. | 100 |
|-----------------------------------------------------------------------|--------|--------|---------|
| Double Red. Large roots | \$0.25 | \$2.50 | \$15.00 |
| Double White. Large roots | .25 | 2.50 | 15.00 |
| Double Pink. Large roots | .25 | 2.50 | 15.00 |
| * Extra Large 4-year-old roots of the above variety and colors | .50 | 5.00 | 35.00 |

(* These clumps cannot be mailed, too heavy.)

PAEONY OFFICINALIS (The old fashioned Paemony)

Fragrant flowers of immense size, flowering early in May and having a distinct foliage and growth.

| | Each | Doz. | 100 |
|---------------------------|--------|--------|---------|
| Rosea. Double pink | \$0.30 | \$3.00 | \$20.00 |
| Rubra. Double red | .30 | 3.00 | 20.00 |
| Alba. Double white | .30 | 3.00 | 20.00 |

One each of above 3 colors for 75c.

PAEONY TENUIFOLIA Flore Plena

An early flowering specie with fern-like foliage and double deep crimson flowers, a shade like the Jacq Rose; this is undoubtedly one of the most attractive paeonies in cultivation, excellent for massing or planting individually in the herbaceous border, blooming very early in May, sometimes latter part of April, makes an exceedingly attractive plant. Each, 25c.; per doz., \$2.50; \$18.00 per 100.

Paeony Culture is fully covered by **Michell's Bulb Growing Guide.** Ask for a free copy.

This "Queen of Spring" holds a place entirely her own in effective gardens. The exquisite form, the delicate and rich colors, its value for garden or house decoration, and the delightful fragrance are all points in its favor. No disease or insect ever troubles this plant. The best effect of Paeonies is attainable when massed by themselves in groups on lawns with a distinct background of shrubbery. They delight in a sunny location in soil rich and as deep as possible. After planting take care to see they are watered regularly until you feel they are established. At blooming time the size and quality of flower are greatly increased if water is supplied in absence of occasional rains. In planting always take care to see that the crown or top of root is not more than 1 to 2 inches below the surface when covered. The roots are perfectly hardy and once planted remain for years, increasing in size. **Orders Booked now for Late Fall and Spring Delivery,** can be planted either season with great success. All our roots are extra strong and will give fine results.

SUPERB NAMED PAEONIES

During recent years wonderful progress has been made in the production of newer sorts, and no choice garden can afford to be without a good collection of these magnificent named varieties, as they furnish a continuous supply of bloom during paeony season. The varieties are numerous but the shades of color are confined to a limited number, and for that reason we offer a short list that we have selected from a great many sorts; these having proven to be the best.

| | Each | Doz. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|
| Achille. Beautiful soft mauve rose changing to almost pure white | \$0.25 | \$2.50 |
| Alba Plena. Immense flower of purest white | .25 | 2.50 |
| Anemoneflora Rubra. Anemone form, having a broad collar and a mass of narrow petals in the centre; a beautiful even dark crimson | .35 | 3.50 |
| Agnes Mary Kelway. Rosy white guard petals, creamy white centre | .25 | 2.50 |
| Beaute Francaise. Delicate flesh pink with purplish white and carmine spots | .35 | 3.50 |
| Carnea Elegans. Clear flesh color, glossy reflex, a very pleasing shade | .35 | 3.50 |
| Candidissima. Creamy white with clear sulphur yellow centre; slightly tinted with flesh | .50 | 5.00 |
| Charlemagne. Creamy white, centre light pink, immense bloom | .35 | 3.50 |
| Clarisse. Beautiful rose pink, centre silvery pink, fine form and habit | .25 | 2.50 |
| Couronne d'Or. Immense, very full, imbricated ball-shaped form; color, snowy white with yellow reflex, and deep pink edges on a few petals | .50 | 5.00 |
| Delachi. Deep purple, crimson reflex; strong grower; free bloomer | .35 | 3.50 |
| Duc de Wellington. Well formed blooms, sulphur white, fragrant | .35 | 3.50 |
| Faust. Tender flesh-colored pink, clear salmon centre | .25 | 2.50 |
| Festiva Maxima. Enormous, very full, shell-formed bloom often 7 to 8 inches in diameter; color, snow white with an occasional purple spot on edges of centre petals | .25 | 2.50 |

Please note that we offer the above in extra strong roots.

If Paeony roots are wanted by mail add 5c per root for mailing

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

RANUNCULUS (Buttercups)

An attractive flower resembling a giant double buttercup or small double poppy. They should be grown in pots indoors for winter blooming or in frames outdoors for early spring flowering. The bulbs retain their substance for a long while and may also be planted outdoors latter part of March or early April in a shaded place (moist preferred). Then blooming in June. They cover every shade of crimson, white, purple and yellow. Many of the flowers being beautifully marked; height, 12 inches.

Double Giant Persian. Mixed. Each 2c., doz. 15c., 100 75c., 1000 \$6.00.

Double Giant French. Mixed. Each 2c., doz. 15c., 100 75c., 1000 \$6.00.

Double Giant Turban. Mixed. Each 2c., doz. 15c., 100 75c., 1000 \$6.00.



Ranunculus

PANCRATIUM LILY (Ismene Calathina)

As a summer and winter flowering bulb this has few equals; planted outdoors in May it will bloom all season. In September it may be lifted, allowed to die off and started in pots about December, 1 bulb to a pot. It usually commences flowering three weeks after planting; height, 12 inches; flowers a beautiful waxy white and deliciously fragrant. Large bulbs 15c. each, per doz. \$1.50, \$10.00 per 100.



Pancratium Lily

SPARAXIS

A small bulb bearing a very large flower often 2 inches across, on long, graceful stems; they resemble somewhat the Ixia in shape. The range of colors is very great and they are most attractive for indoor blooming, as they are not hardy. Plant 6 to 12 bulbs in a pot for the best effect.

Mixed Colors. 2c. each; per doz., 15c.; 75c. per 100; \$6.00 per 1000.



Scilla Siberica



SCILLAS (Squills, Wood Hyacinths, Blue Bells, etc.)

With winter hardly over, and nothing but possibly the Snowdrop in bloom, the Scilla looms into flower, with almost miraculous rapidity. It is richly colored and produced in quantity, staying in flower for a long while. For massing round tulip, hyacinth or even daffodil beds nothing can equal it; for planting among shrubbery in herbaceous beds in clusters of 50 or more bulbs its blaze of color is wonderfully effective on a dreary spring morning. Once planted it remains for years; the bulbs increasing in size and number. The Campanulata types are extensively used for naturalizing in woodlands. They all do well if planted indoors in pots or pans, not less than a dozen to a crock, a continuous flowering period may thus be had from Christmas until April.

SCILLA CAMPANULATA (Wood Hyacinth)

These are the taller flowering type, from 1 to 2 feet, according to location and soil, with broader fleshy foliage.

| | | | |
|-------|--------|--------|--------|
| | Doz. | 100 | 1000 |
| Blue | \$0.20 | \$1.00 | \$7.50 |
| White | „20 | 1.25 | 10.00 |

SCILLA SIBERICA (Squills)

Coerulea. Blue; height, about 6 inches with fine grassy foliage. Large bulbs: 20c. doz., per 100 \$1.25, \$10.00 per 1000.

STERNBERGIA LUTEA (Autumn Daffodil)

Allied to the Amaryllis this is frequently termed the hardy variety of that class. It blooms in October if set out in September, at a time when flowers are generally scarce. It resembles a large crocus, but with fleshy flower petals. Perfectly hardy, pure yellow; height, 10 inches; no leaves appear in the autumn with the flowers. 25c. doz., per 100 \$1.50, 1000 \$12.00.



Elwee's Giant Snowdrops

SNOWDROPS (Galanthus)

No spring flowering bulb plays a more important part in the garden than does this somewhat insignificant variety. 'Neath ice and snow often early in March; yes frequently in February you can see it sticking forth its flower spike as though exclaiming I can't wait for spring to come. What can gladden the heart more than this? A combination of Crocus, Scillas and Snowdrops make a glorious effect when planted promiscuously in a border; one follows the other in flowering and a change of color with each one suggests a floral treat hard to equal at the time of year they flower—*February till April*. They are perfectly hardy; should be planted in masses of 50 or more bulbs. They also flower well in pots indoors.

| | Each | Doz. | 100 | 1000 |
|----------------------------------------|-------|--------|--------|--------|
| Single Elwees Giant. Pure white | \$.02 | \$0.15 | \$0.75 | \$6.50 |
| Double. Pure white | .03 | .25 | 1.50 | 12.00 |



Spring Snowflake (See opposite)

SPIREA (Astilbe) Ready in November

This is a favorite Easter flowering plant rivaling with the lily. If wanted for indoor blooming, pot the roots on arrival, water well and place outdoors for about 6 to 8 weeks. They may be brought in and placed in a moderately warm room, the cooler, without freezing, however, the better. They can be made to flower almost any time by bringing them to a warmer place. For outdoor they are fine in hardy borders; the plummy-like flower spikes appearing in June.

Astilboides Floribunda. A very plummy, fluffy variety; pure white. 15c. each; per doz., \$1.50; \$9.00 per 100.

Compacta Multiflora. Of dwarf habit, very compact growth; pure white. 15c. each; per doz., \$1.50; \$8.00 per 100.

Gladstone. One of the newer varieties. It is the best white sort in existence to-day, producing an immense plant with a mass of flowers.

Extra large clumps: 25c. each; per doz., \$2.25; \$13.50 per 100.
 Monster clumps: 50c. each; per doz., \$5.00; \$30.00 per 100.

Japonica. The old type of Spirea, growing taller than the other sorts. 15c. each; per doz., \$1.00; \$7.00 per 100.

McKinley. A good, new, white variety. 25c. each; per doz., \$2.50; \$15.00 per 100.

Queen Alexandra (New). A beautiful shade of pink. Being an offspring of the Gladstone, it requires the same cultural methods. The plant should be shaded as it comes into bloom in order to bring the flower to full perfection. This is the only satisfactory pink forcing Spirea on the market. Large clumps: 40c. each; per doz., \$4.00; \$7.50 for 25; per 100, \$27.50.

Queen of Holland. A magnificent white flowering variety; extra fine flower spikes. 25c. each; doz., \$2.25; \$13.50 per 100.



New Pink Spirea, Queen Alexandra (See above)

MICHELL'S BULB GROWING GUIDE

Tells how to get the best results from all the bulbs in this Catalogue if planted either indoors or out.

SPRING SNOWFLAKE (Leucojum Vernum)

Beautiful early flowering bulb, rivaling for earliness the Snowdrop. Plant in clumps of 25 to 100 bulbs, for a good effect. Color, pure white tipped green; may also be used for flowering indoors; height, about 7 inches. Each, 3c.; 25c. doz.; per 100, \$1.50; \$12.00 per 1000.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

POT GROWN STRAWBERRY PLANTS

NOTE.—The pot grown strawberries offered by us are exceedingly large and vigorous plants, therefore the price must not be compared with rooted runners that have been put into pots just prior to shipment.

AUTO (Perfect). A bush-like plant, which makes but few runners, with many strong fruiting crowns. Mid-season Very productive; extra large, bright red, conical berries of high quality.

BRANDYWINE. Late (Perfect). The finest of all late fruiting sorts; it has not a single defect. Fruit extra large, heart shaped; color bright, rich red.

BUBACH. Mid-Season (Pistillate). One of the best and most profitable market berries.

CARDINAL (Perfect). "Cardinal" was found by capable judges, to surpass all in vigor, productiveness and other important qualities. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

CHESAPEAKE (Perfect). A late variety; very prolific bearer, yielding well on extremely light soil.

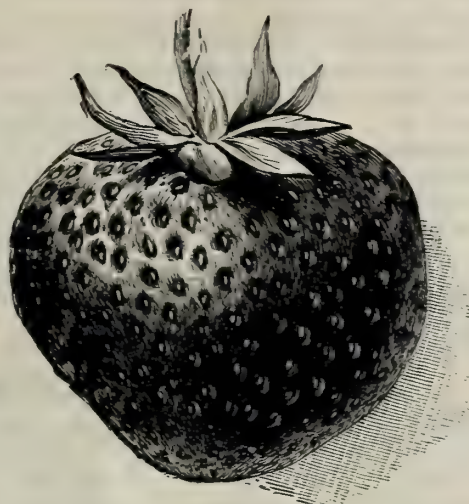
COMMANDER. This berry is claimed to have but one fault, and that is its inability to hold up the immense trusses of berries produced. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

COMMONWEALTH. The originator says it is the largest of the large berries; very productive, fine flavored and a beautiful dark color. It is quite late, lasting well into July.

FAIRFIELD (Perfect). Very early; a remarkable resister of drought, being a deep rooted sort.

GANDY (Perfect). This variety is known to most every berry grower as one of the best late sorts.

GLEN MARY (P.). Late. The fruit is very large but rather irregular, somewhat like Sharpless.



Bubach

NOTE.—Some varieties which are marked with a P. are pistillate (or imperfect flowering), and while they embrace often the best kinds, it will be necessary in order to get fruit to plant bisexual (or perfect) flowering sorts near them. About five imperfect to one perfect flowering is the general rule.

HAVERLAND (Perfect). One of the most popular mid-season varieties.

HERITAGE (Perfect). This is truly a giant strawberry, it being almost impossible to put a whole berry at a time in one's mouth. Medium early. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000. *Layer plants of Heritage ready in October.* 35c. per doz.; per 100, \$1.25; \$7.00 per 1000.

KITTY RICE (Perfect). Berries quite large, glossy and of dark red color.

NEW HOME (Perfect). Late. It has been claimed one could pick forty quarts or more per hour. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

NICK OHMER. Excellent for mid-season use.

PRESIDENT (P.). A most remarkable variety, ripening in mid-season. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

SAMPLE (P.). One of the very best pistillate kinds in cultivation. It is a great bearer of large, roundish berries. The fruit is large to the close of the season. Late.

SAUNDERS (Perfect). It is a deep red and remarkably glossy.

SENATOR DUNLAP (P.). Classed as medium, but makes a long season, commencing to ripen soon after the earliest, and continuing until near the last. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

SUCCESS (Perfect). Begins to ripen early and continues several weeks; holds out its large size all through.

STEVENS' LATE CHAMPION (Perfect). It will stand a drought better than any other berry ever grown in this section. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

SHARPLESS (Perfect). A mid-season variety; very large and a tremendous cropper.

WILLIAM BELT (Perfect). A grand mid-season sort.

Prices of any of the Pot-Grown Strawberries offered on this page (except where noted); 70c. per doz.; per 100, \$4.00; \$32.50 per 1000.

LAYER PLANTS of Strawberries *ready October 10th.* Prices (except where noted); 35c. per doz., postpaid; per 100, \$1.00; \$6.00 per 1000. Orders can be booked now.



A Hedge of California Privet

CALIFORNIA PRIVET

Large Stock, Strong Plants

Exceedingly beautiful; very vigorous and hardy; leaves deep green, bright and very glossy. Especially adapted for hedges at the seashore; easily transplanted. Beware of spurious kinds of privet which are being offered for the above and which are not nearly so desirable. Ours are the genuine California or Japan Privet (*Ligustrum Ovalifolium*). Most of them have been transplanted and are furnished with an abundance of fine fibrous roots, are well branched and are sure to give satisfaction.

| | Doz. | 100 | 1000 |
|----------------------------------------|--------|--------|---------|
| 1-year old, 18 to 24 inches high . . . | \$0.60 | \$3.00 | \$25.00 |
| 2-year old, 24 to 30 inches high . . . | .75 | 5.00 | 40.00 |
| 2-year old, 30 to 36 inches high . . . | 1.00 | 6.00 | 50.00 |
| 3-year old, extra heavy . . . | 1.50 | 10.00 | 90.00 |

Specimens in bush form, 3 to 4 feet high, 50c. each; per doz. \$5.00.

STANDARD OR TREE PRIVET. 4 feet high, 12 inches diameter; \$1.00 each; per doz., \$10.00.

We are in position to furnish at lowest price other hedge plants, such as *Althea Berberis* and dwarf evergreens.



GRAPES

Brighton. Bunch large, well formed; berries above medium to large, round; excellent flavor and quality. One of the earliest in ripening.

Campbell's Early. A valuable and delicious grape; vine very strong, hardy and vigorous, with thick, healthy foliage; berries large, black, with light purplish bloom; skin thin; few and small seeds; flavor rich, delicious.

Columbian. Is claimed to be the largest grape ever placed on the market, and forms large, compact clusters. It is an excellent table grape, and excels all others for jelly. Vine is a strong grower, free from mildew, enormously productive, immense clusters of grapes, black in color; midseason.

Concord. The well-known standard purple variety, succeeds wherever grapes will grow.

Delaware. Bunches and berries rather small; light red; very juicy.

Green Mountain. A very early grape of the best quality; of medium size; color greenish-white; almost melting in the mouth; vine vigorous, healthy and productive. 50c. each, per doz. \$5.00.

Moore's Diamond. A strong healthy grower, hardy and productive; color white; berries large; flesh tender, juicy, but with little pulp; ripens before Concord.

Moore's Early. Berry large, with heavy blue bloom. Vine exceedingly hardy; desirable for an early market.

Niagara. An unusually strong grower; bunches very large and compact, berries large, light greenish-white, semi-transparent, has very little pulp and is sweet to the centre.

Pocklington. Bunch and berries large, when fully ripe a light golden-yellow. Vine thoroughly hardy, strong grower and productive.

Vergennes. Berries large, holding firmly to the stem; light amber; rich and delicious.

Worden. A beautiful, large black grape; larger, earlier and decidedly better than Concord.

Wyoming. Vine very hardy, healthy and robust. One of the most beautiful of the amber or red grapes, and in size nearly double that of the Delaware. Flesh tender and sweet, with a strong native aroma. Ripens before Delaware.

Prices, except where noted: 2-year-old, 25c. each, per doz. \$2.50: 3-year-old, 50c. each, per doz. \$5.00.

We can also supply all other varieties.

FRUIT TREES

| | Each | Doz. |
|--------------------------------------------|--------|--------|
| APPLES. Leading Varieties | \$0.60 | \$6.00 |
| CHERRIES. Best Sorts | .75 | 7.50 |
| PEARS. All Varieties | .75 | 7.50 |
| PLUMS. Red, Blue and Green | .75 | 7.50 |
| PEACHES. Late and Early Sorts | .40 | 4.00 |

Also all other small fruits not offered here.

Special Notice.—Small fruits are generally shipped late in October and early November.

BLACKBERRIES

Eldorado. A very vigorous grower, free from mildew or rust, enormously productive; fruit large, excellent quality, free from core. Per doz., 50c.; \$3.00 per 100.

Erie. Very productive; free from rust; fruit of good quality. 75c. per doz., \$3.00 per 100.

Ohmer. Canes hardy; fruit very large; of excellent quality, firm, with no core, and sweet before soft or fully ripe. 50c. per doz., \$3.50 per 100.

Mersereau. Remarkably strong grower. An enormous producer of extra size berries which are brilliant black and retain their color, under all conditions; sweet, without core. Unsurpassed as a shipper and keeper. Per doz. 75c., \$4.00 per 100.

Rathbun. Fruit is of enormous size, single specimens measure one and three-quarters inches in length, firm and sweet, with no core. Plant is very hardy. 50c. per doz., per 100 \$3.00.

Ward. A new blackberry of great merit. A seedling of the Kittatinny, which it resembles somewhat. A very strong grower; it is perfectly hardy. The fruit is black throughout, very prolific and firm. 60c. per doz., \$4.00 per 100.

We can also supply all other varieties.

CURRANTS

Black Naples. Fruit varies from small to large, averaging above medium; strong flavor. An old and well-known variety.

Cherry. Bush vigorous, stocky and compact; cluster rather short, with short stems; fruit averages large; color fine, bright red. One of the most productive of the large currants.

Fay's Prolific. Not quite so strong a grower as Cherry; cluster medium to long, with rather long stems; color darker than Cherry.

North Star. Bush very vigorous, upright, somewhat spreading; clusters medium length.

Red Dutch. An old and well-known standard variety; clusters average about three inches long; berries medium in size, dark red.

Versailles (La Versailles). Bush a vigorous, somewhat spreading grower. Very similar to Cherry in habit of growth and character of fruit.

White Grape. Clusters long; berries very large; of very attractive color, mild flavor and good quality.

Price, any of above varieties of currants, except where noted, strong 2-year-old, 15c. each, per doz. \$1.25, \$8.00 per 100.

GOOSEBERRIES

2-YEAR-OLD STRONG BUSHES

Chautauqua. A new white gooseberry, equaling the finest and largest varieties in size. 25c. each, per doz. \$2.50, \$17.50 per 100.

Columbus. A new yellow variety; very prolific, free from mildew; fruit larger than Industry. 25c. each, per doz. \$2.50, \$17.50 per 100.

Downing. Fruit medium to large, whitish green; flesh soft, juicy. Each 15c., per doz. \$1.50, per 100 \$10.00.

Houghton. Bush a vigorous grower, with rather slender branches; very productive. Fruit medium size, pale red, tender and good. 20c. each, per doz. \$2.00, \$12.50 per 100.

Red Jacket. Of American origin, possessing all the good qualities of the English type, and withstanding our severe climatic conditions with impunity. A wonderful cropper, with clean healthy foliage. 20c. each, per doz. \$2.00, \$12.50 per 100.

RASPBERRIES

Brilliant. Ripens its fruit early and fast, producing bright, glossy, brilliant red berries, handsome. \$1.00 per doz., per 100 \$5.00.

Cumberland (Blackcap). The largest raspberry known. Selected specimens measure an inch in diameter, immensely productive. Season a little in advance of Gregg. 50c. per doz., per 100 \$3.00.

Cuthbert. Berries very large, measuring three inches around; conical; rich crimson. 50c. per doz., per 100 \$3.00.

Columbian. Fruit very large, often an inch in diameter; color dark red, bordering on purple. 75c. per doz., per 100 \$3.50.

Gregg (Black). Large, firm, of good quality, ripening late. Exceedingly productive. 50c. per doz., per 100 \$3.00.

Golden Queen. Berries are large, of beautiful bright yellow, of excellent quality; medium to late. Per doz. 75c., \$3.50 per 100. We can also supply all other varieties.

MICHELL'S PERENNIAL PLANTS

FOR FALL PLANTING

Many of these popular old-fashioned plants flower so early in the spring, that unless they are planted in the fall previous, the bloom for the season is lost. Another point in favor of planting in the fall is, that the plants are better established during the first season and bloom more profuse.

ACHILLEA PTARMICA, PLENA

The Pearl. Flowers borne in the greatest profusion the entire summer on strong erect stems 2 feet high; of the purest white.

ACONITUM (Monkshood)

Bushy plants grow 4 feet high and bloom in clusters of beautiful helmet-shaped flowers. Well adapted for shady situations.

Napellus. Large dark blue flowers.

" **Album.** Fine white flowers.

ANCHUSA ITALICA, "Dropmore Variety"

Plants grow 4 feet high in pyramidal shape; branch freely; bright blue, forget-me-not-like flowers; from June 15 till late in fall.

*AGROSTEMMA Coronaria (Mullein Pink)

Tufts of silvery foliage throwing up many silver-lined stems 2 feet high, with bright single crimson flowers during June and July.

ALYSSUM Saxatile Compactum (Gold Dust)

A splendid edging plant for borders or spring beds; with masses of deep golden flowers in May.



AQUILEGIA (Columbine)

For spring flowers they are invaluable, producing their graceful spurred flowers on stems rising 2 feet or more.

Chrysantha. Bright yellow, long spurred flowers.

Coerulea. Bright blue and white; long spurred.

Chrysantha Alba. Pure white, long spurred.

Canadensis. The native; bright red and yellow.

*ARABIS (Rock Cress)

The early spring flowers are of the purest white; dwarf bushy plants attain a height of six inches.

Alpina. Single snowy-white flowers.

" **Fl. Pl.** Double form, very showy.

*ARMERIA Maritima (Sea Pink)

Attractive dwarf plants, forming evergreen tufts from which innumerable pink flowers appear.

*CAMPANULA (Bellflower)

Showy plants of special merits; some are tall, suitable for effective borders, others are dwarf, for rockeries or edges.

Glomerata. Dwarf, dense clusters of funnel-shaped violet blue flowers, June to August, 18 inches.

Persicifolia Grandiflora Coerulea (Peach Bell). Stately spikes, 3 feet high, blue bell-shaped flowers.

Persicifolia Grandiflora Alba. Purest white.

Moerheimi. Giant double bells of purest white, 3 feet.

Humosa. Same as "Moerheimi," with blue flowers.

CARNATION (Scotch Pinks)

For rockeries or edging borders we know of no showier plants.

Her Majesty. Purest white. **Carmen.** Light pink.

Lord Lyon. Deep pink.

White Reserve. White fragrant flowers during the whole summer.

Semperflorens, Mixed.

COREOPSIS Lanceolata Grandiflora

Flowers rich golden yellow of graceful form and fine for cutting.

DELPHINIUMS (Larkspur)

Few other plants are as stately as these. They can be massed, grouped, or planted individually; in every instance they are effective.

Bella Donna. The clear turquoise-blue of its flowers is not equalled by any other.

King of Delphiniums. Flowers of gigantic size, semi-double, deep blue, white eye.

Formosum. Dark blue, white centre, spikes 3 to 4 feet tall.

Formosum Coelestinum. Beautiful heavenly blue.

Chinense Azureum. A deep clear blue, fine for cutting.

Chinense Album. The same as above in white.

Kelway's Mixed Hybrids. No finer strain has ever been produced; the plants we offer are a re-selection from a choice private collection.

FUNKIA (Day Lily or Plantain)

Coerulea. Blue flowers, broad green leaves.

Subcordata Grandiflora. Pure white lily-shaped fragrant flowers in August; foliage broad and green.

Undulata Media Picta. Green and white variegated foliage, purple flowers, fine for edging.

GAILLARDIA Grandiflora (Blanket Flower)

The large daisy-like blooms are of gorgeous coloring, a combination of rings in gold and red.

GYPSOPHILA (Baby's Breath)

Paniculata. Single white.

" **Fl. Pl.** A double form, new.

HELENIUM (Sneezewort)

Autumnale Superbum. Golden yellow, September, 4 feet.

Bigelowi. Rich yellow flowers, July, 2 feet.

Grandicephalum Striatum. Deep orange striped crimson flowers; September, 4 feet.

HELIOPSIS Pitcheriana (Orange Sunflower)

Very similar to a small sunflower, but flowering earlier, deep golden yellow, all summer.

HELIANTHUS (Sunflower)

Multiflorus, Fl. Pl. (Double Hardy Sunflower). Large double dahlia-like golden yellow flowers on long stems; July, 4 feet.

Rigidus. Single, golden yellow, July, 3 feet.

Wolley Dod. Yellow, September, 5 feet.

Prices for any of the above Each 15c; \$1.50 Dozen; \$10.00 per 100



Double Hollyhock

HEUCHERA Sanguinea (Alum Root)

Graceful thin flower-spike with loose heads of bright scarlet flowers.

LATHYRUS (Hardy Pea)

Latifolius. Rosy crimson.

“ **Albus.** Pure white.

“ **Pink Beauty.** Clear pink.

LIATRIS Pycnostachya (Blazing Star)

Attractive native plants with solid spikes of light rosy-purple flowers, 5 feet, August.

IRIS. (See pages 30-31)

LYCHNIS (Campion)

Of easy culture, they soon develop to large bushy plants, all of them showy when in bloom.

Chalcedonica. Heads of brilliant orange scarlet; 2 feet; all summer.

Semperflorens, Pl. (*Cuckoo Flower*). 12 in., soft pink flowers, blooms all summer.

Viscaria (*Ragged Robbin, London Pride*). Double red flowers on stalks 15 inches high, very showy, June.

LYTHRUM Roseum Superbum

(*Rose Loose-strife*)

Strong growing plant, 3 to 4 feet high, producing large spikes of rose-colored flowers from July to September.

HIBISCUS (Mallow)

Meehani (*Meehan's Marvel Mallow*). A fast growing plant, attaining a height of 5 feet and flowering continuously from July till frost; all colors.

Moschatus (*Musk Mallow*). Large bell-shaped flowers of delicate pink, darker eye.

Crimson Eye. Immense flowers of purest white with deep crimson eye, July, 4 feet.

HOLLYHOCKS

Double Crimson.

“ **Salmon Pink.**

“ **Canary Yellow.**

“ **White.**

“ **Pink.**

“ **Maroon.**

“ **Mixed.**

Single Mixed.

Alleghany Fringed Mixed.

MONARDA Didyma (Bee Balm) (Bergamot)

Heads of bright scarlet flowers, July and August.

OENOTHERA (Evening Primrose)

Missouriensis. Large golden yellow, 1 foot.

Youngi. Bright yellow, 1½ feet.

PENTSTEMON (Beard Tongue)

Digitalis. Pure white spikes 3 feet high, June and July.

Barbata Torreyi. Spikes of brilliant scarlet flowers, height 3 to 4 feet; June to August.

PHYSOSTEGIA (False Dragon Head)

Virginica. Bright soft pink. **Virginica Alba.** Pure white.

PLATYCODON (Balloon Flower or Japanese Bell Flower)

Grandiflorum. Blue. **Grandiflorum Album.** White.

PLUMBAGO Larpentae (Lead Wort)

Of dwarf spreading habit, growing 4 to 6 inches high; used for rockeries or edging, covered with beautiful deep blue flowers the entire season.

POPPIES

Oriente. Plant grows 2 feet high, bearing gigantic orange red blooms on stout stems.

Oriente Parkmanni. Deep crimson flowers of splendid form.

Nudicaule (*Iceland Poppies*). Dwarf plants, flowering in May; 12 inches; yellow, white and red.

PYRETHRUM (Colored Daisies)

Hybridum, Fl. Pl. Double daisy-like flowers in red, white and pink appear on 2-foot stems in June in greatest profusion; fine for cutting.

Hybridum, Single. Single flowers as above.

Uliginosum (*Giant White Daisy*). Large flowers appear on tall bushy plants late in September; 6 feet; white.

RUDBECKIA Golden Glow

Strong robust grower, spikes 6 and 7 feet tall with clusters of large double yellow, aster-like flowers in August.

RUDBECKIA Purpurea (Cone Flower)

Flowers about 4 inches across, of a peculiar reddish purple, with a large cone-shaped centre.

SCABIOSA Caucasica

Hardy border plants with solid heads of flowers on rigid stems 15 inches high.

Blue. Delicate blue. **White.**

SEDUM (Stone-crop)

Suitable for carpet bedding, rockeries and edging; fleshy leaves.

Acre. Foliage green, flowers golden yellow, 3 inches.

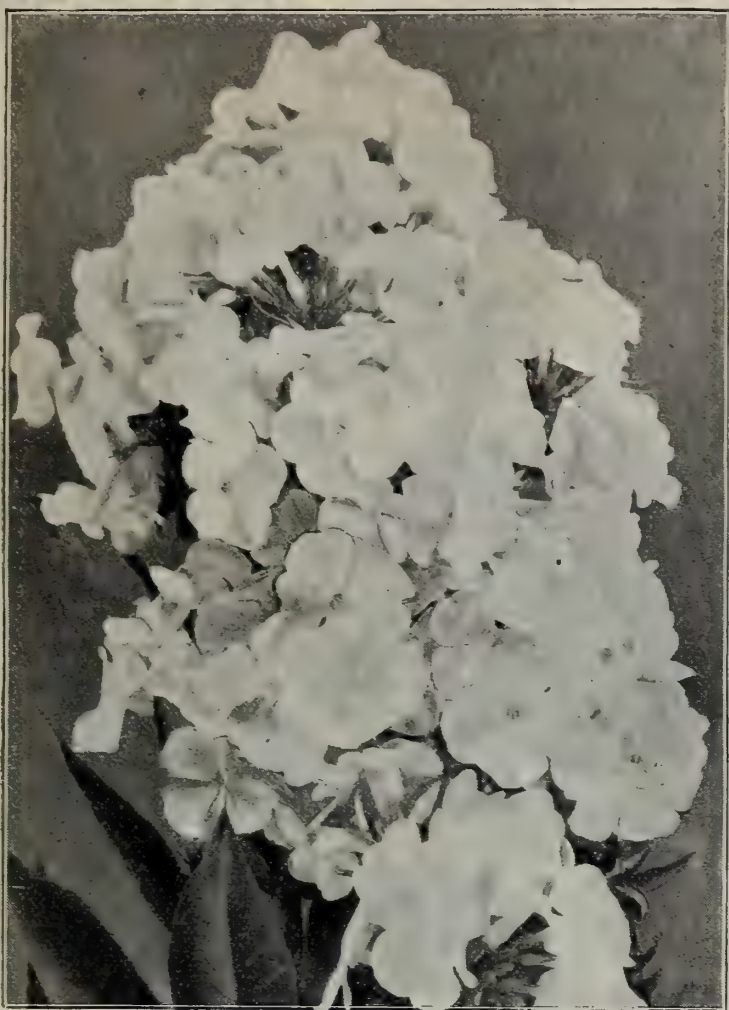
Album. Foliage green, flowers white, 3 inches.

Spectabile. Grows 18 inches high with large light green foliage and immense heads of pink flowers; June.

SHASTA DAISY Alaska

The largest of all hardy daisies; produced by Luther Burbank; glistening white flowers on erect stems 18 inches long; gigantic blooms in great profusion.

Prices of any of the above, 15c. each; per dozen, \$1.50; \$10.00 per 100



Hardy Phlox

MICHELL'S GAY PHLOXES

WHITE SORTS

- Miss Lingard.** This is the earliest of all Phloxes; purest white, quite tall.
Mrs. Jenkins. The largest and finest of all white Phloxes, very pure and showy.
Fiancee. Pure white, very large.
Richard Wallace. Cherry white with violet eye.

PINK SORTS

- R. P. Struthers.** Light scarlet pink, dark centre.
Tower of Eiffel. Light salmon pink, red centre.
Gen. Chanzy. Deep pink, tinted salmon.
Pink Beauty. Delicate pink, enormous spike.
Wm. Robinson. Salmon with rosy centre.

RED AND CRIMSON SORTS

- Coquelicot.** Brilliant orange scarlet.
Matador. Brilliant red, cherry red eye.
Montagnard. Dark crimson, large spike.
Von Hochberg. The best clear crimson.
Embrazement. Extra large, bright orange scarlet.
Fernand Cortez. Deep crimson, very dark centre.
Madame P. Langier. Bright geranium red.

PURPLE SORTS

- Le Mahdi.** Bright deep purple.

OTHER PHLOXES

- Phlox Divaricata Canadensis.** A native, blooming early in April and continues through May; 10 inches high, fragrant lavender flowers.
Phlox Subulata Rosea (Moss Pink). Moss evergreen-like foliage, tucking close to the ground and covered completely with pink star-like flowers in May.
Phlox Subulata Alba. The same as above with pure white flowers.

STOKESIA (Cornflower or Stokes Asters)

A charming plant, grows 18 to 24 inches high, flowering from July to October; blossoms measure 4 to 5 inches across and resemble asters.

- Cyanea.** Light blue.
 " **Alba.** Pure white.

THALICTRUM Atropurpureum (Meadow Rue)

Graceful plants with fern-like foliage and loose sprays of feathery rosy purple flowers, 3 feet, July.

VERONICA (Speedwell)

- Very hardy showy plants, succeeding in all soils.
Longifolia Subsessilis. 3 feet high, bright blue flowers, July and August.
Amethystina. 12 inches, light blue.
Spicata Alba. 18 inches high, white flowers.

VINCA Minor (Myrtle)

Splendid creeping plants with deep green glossy foliage and bright blue flowers in spring; used extensively for covering graves and bare spots in shady situations where grass refuses to grow.

VIOLA Cornuta (Tufted Pansies)

Valuable flowering plants remaining in bloom the entire season; very similar to pansies but being hardy.
Blue and White, each separate.

YUCCA Filamentosa (Adam's Needle)

As an ornamental plant, specimen or mass effect this certainly heads the list. In or out of bloom it is an attraction. The broad sword-like foliage is surmounted with tall spikes of large fragrant, drooping white flowers in June and July.

HARDY ORNAMENTAL GRASSES

ERIANTHUS Ravennae (Plume Grass)

Grows from 10 to 12 feet high, frequently throwing up from 30 to 50 flowers, resembling ostrich feathers.

EULALIA Gracillima Univittata (Japan Rush)

Of graceful habit with very narrow foliage of bright green color with silvery midrib; 4 to 6 feet.

EULALIA Japonica Variegata

Long narrow leaves striped green, white and often pink and yellow; 4 to 6 feet.

EULALIA Zebrina (Zebra Grass)

The long blades of this variety are marked with broad yellow bands across the leaf; a most attractive plant for the lawn.

GYNERIUM Argenteum (Pampas Grass)

The silvery plumes are produced on stems 8 to 10 feet high.

PHALARIS Arundinacea Variegata (Variegated Ribbon Grass)

Large variegated foliage; fine for large beds.

Prices of the above Grasses, 25c. each; doz., \$2.50; \$15.00 per 100.

HARDY FERNS

- Adiantum Pedatum (Maiden Hair).** 8 to 12 inches high.
Asplenium Felix Foemina (Lady Fern). 24 to 36 inches high.
Dicksonia Punctulobula (Gossamer Fern). 24 to 36 inches high.
Dryopteris Acrostichoides.
 " **Spinulosa.**
Osmunda Regalis (Royal Fern). 24 to 48 inches.

Price of the above Ferns, 20c. each; doz., \$2.00; \$15.00 per 100.

Price of any of the above except where noted 15c. Each; Doz. \$1.50; \$10.00 per 100

MICHELL'S **FIELD GROWN** CARNATION PLANTS

The plants we offer are exceptionally strong, grown at our own Plant Establishment at Torresdale, Pa., and will please the most critical gardener. Our list embraces the best kinds in commerce to-day.

STANDARD VARIETIES

WHITE

Bon Ami. Exceptionally fine white.
White Enchantress. Of purest white, very popular.
White Perfection. The largest white carnation.

PINK

Dorothy Gordon. A shade deeper than Enchantress.
Mrs. C. W. Ward. Deep pink but lighter than Lawson.
Sangamo. Pink, brighter than Winona.
Pink Delight. Deeper and brighter than Enchantress.
Mary Tolman. Soft pink.
May Day. Light pink.
Winsor. Clear rose pink.
Afterglow. Deep scarlet pink.
Enchantress. Light soft pink.

RED

Scarlet Glow. Bright clear scarlet.
Beacon. Bright red.

CRIMSON

Ruby. Deep crimson, gigantic flower.

YELLOW

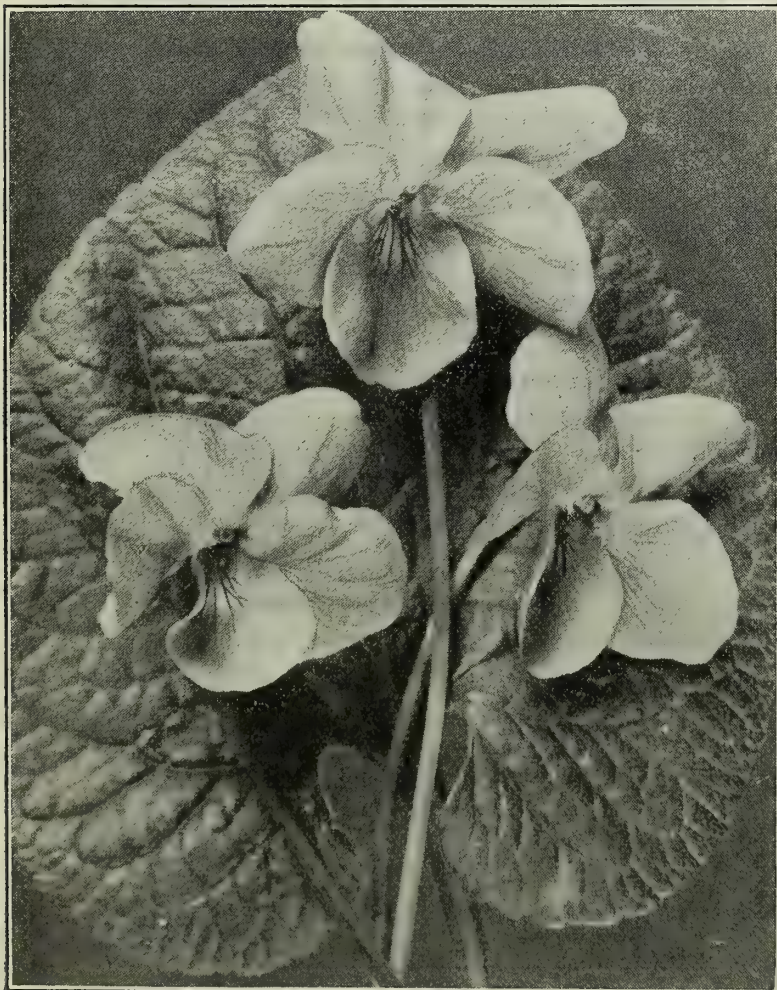
J. Whitcomb Riley. Light primrose yellow.
Canarie Bird. Canary yellow.

Prices of any of the above varieties, except where noted: Each, 25c.; \$2.50 per doz.; \$15.00 per 100.

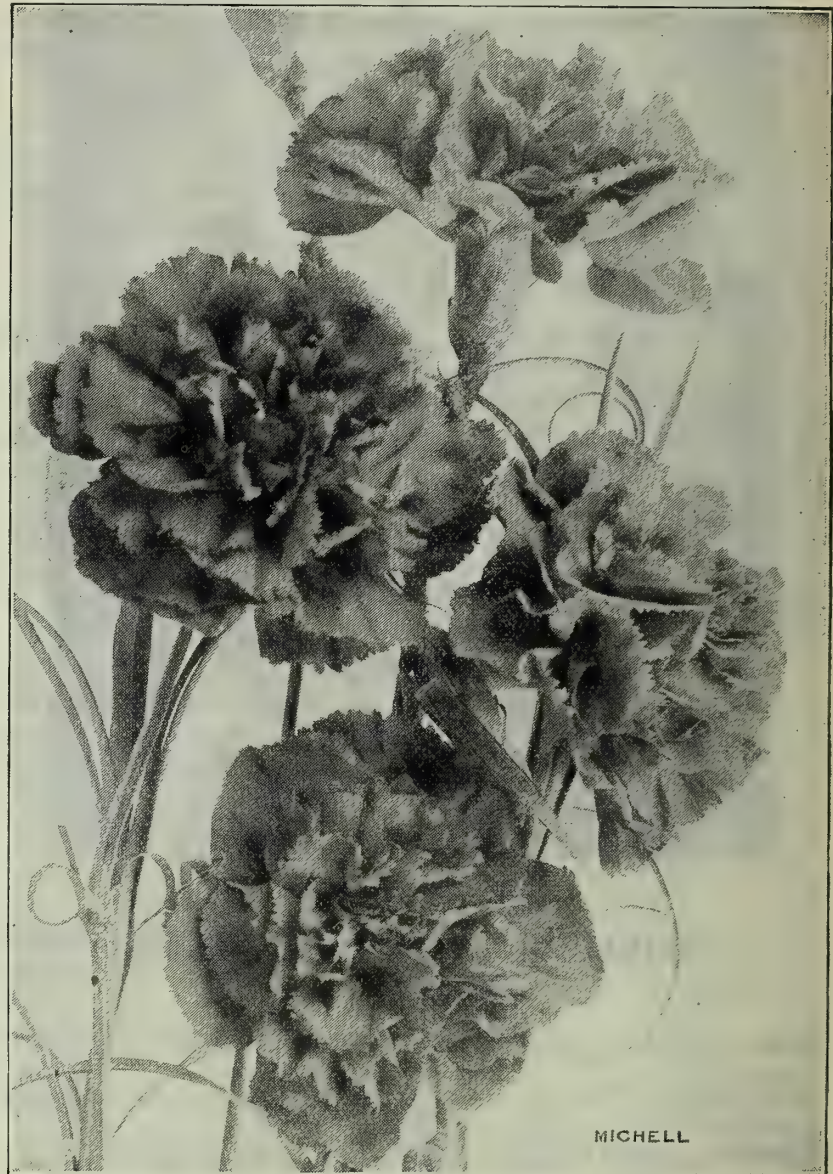
NEW VARIETIES

White Wonder. Pure white.
Norwood. Clear white.
Mrs. Beckwith. Intense velvety scarlet.
Gloriosa. Pure light pink.

Prices for new varieties as follows: Each, 35c.; \$3.50 per doz.; per 100, \$25.00.



Luxonne Violet



Carnation Beacon

SWEET SCENTED VIOLETS

We offer very large field-grown clumps that will give immediate effect. They are grown and cultivated with great care and will be found superior in every way, free from disease and rust. Violets are not mailable owing to the large size of the clumps we send out.

SINGLE VARIETIES

California. One of the largest single blue violets in cultivation. Free and continuous bloomer.
La France. Very large; one of the very best long stemmed sorts.
Luxonne. The very best large single blue variety. It is of a beautiful rich soft violet color, with strong stout stems from 9 to 12 inches long, very fragrant.
Princess of Wales. A very large sort. Stems long and stout, excellent for bunching.

Prices of extra large clumps: 20c. each; per doz., \$2.00; \$15.00 per 100.

DOUBLE VARIETIES

Lady Hume Campbell. A fine light blue sort, excellent for late use.
Russian. A very deep blue variety, blooming later than any of the others.

Swanley White. This variety compares with Lady Campbell except for color, which is white. The flowers are strongly scented.
 Prices of extra large clumps: 20c. each; per doz., \$2.00; \$15.00 per 100.

MICHELL'S DISTINCTIVE FLOWER SEEDS

FOR AUTUMN AND EARLY WINTER SOWING
For Complete List of Flower Seeds see our General Catalogue for 1911

For the convenience of our customers and to facilitate the filling of orders, we have affixed numbers to all varieties of Flower Seeds, and in ordering it is only necessary to give quantity wanted and the number.

ACHILLEA (Milfoil or Yarrow)

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|
| | Large Pkt. | Pkt. |
| 20 Ptarmica, Fl. Pl. "The Pearl." Tall erect plant bearing pure white double flowers in great profusion all summer; perennial; 2 feet | \$0.30 | \$0.10 |

ACONITUM (Monk's Hood or Helmet Flower)

Perennial, thriving best in semi-shady situations; flowers in clusters of both blue and white; height, 4 feet; Aug.-Sept.

- | | | |
|--------------------------------|------------|--------|
| | Large Pkt. | Pkt. |
| 25 Napellus, Blue | \$0.25 | \$0.05 |
| 27 " White | .40 | .05 |

ADONIS

- 42 **Vernalis (Ox Eye).** One of the choicest spring flowering plants, finely cut, ornamental foliage, yellow flowers; perennial; 1 foot
- | | | |
|--|-----|-----|
| | .15 | .05 |
|--|-----|-----|

AGROSTEMMA

- 66 **Coronaria (Mullein Pink).** Stout erect growing perennial with silvery foliage and crimson flowers; 2½ to 3 feet; July and August
- | | | |
|--|-----|-----|
| | .15 | .05 |
|--|-----|-----|

ALYSSUM

One of the most popular garden flowers; for beds, edgings or rock-work or vases; also useful for winter flowering.

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|
| | Large Pkt. | Pkt. |
| 71 Little Gem. Dwarf compact plants, densely covered with large pure white flowers; height, 4 inches; oz. 50c. | \$0.15 | \$0.05 |
| 74 Little Dorritt. Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges; oz. 75c. | .20 | .05 |
| 73 Sweet. The popular old-fashioned sort, the best for broad edges and vases. Pure white; height, 6 inches; oz. 25c. | .15 | .05 |
| 72 Saxatile Compactum (Basket of Gold). Showy golden yellow flowers; hardy perennial; 1 foot; oz. 50c. | .15 | .05 |

AMPELOPSIS (Boston or Japanese Ivy)

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|
| | Large Pkt. | Pkt. |
| 100 Veitchi. A hardy perennial climber from Japan, with olive-green leaves, which turn to scarlet in the autumn; one of the best hardy vines for covering brick or stone buildings; oz. 25c. | \$0.15 | \$0.10 |

ANCHUSA (Sea Bugloss) Large Pkt. Pkt.

- 102 **Italica, "Dropmore Variety."** A perennial plant, 4 feet high, with rough hairy foliage and long heads of bright blue flowers the whole season
- | | | |
|--|--------|--------|
| | \$0.40 | \$0.15 |
|--|--------|--------|

ARABIS (Rock Cress)

- 144 **Alpina.** Early spring flowering perennial, especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; May; 6 inches
- | | | |
|--|-----|-----|
| | .20 | .05 |
|--|-----|-----|

ASPARAGUS 100 Seeds Pkt.

- 160 **Plumosus Nanus.** An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely cut foliage; will remain fresh a long time after being cut.
- | | | |
|--|--------|--------|
| | \$1.00 | \$0.25 |
|--|--------|--------|
- 162 **Sprengeri.** One of the best plants to grow in hanging baskets, for greenhouse or for outdoors in the summer
- | | | |
|--|-----|-----|
| | .50 | .10 |
|--|-----|-----|

ASPERULA (Woodruff) Large Pkt. Pkt.

- 165 **Odorata.** Dwarf spring flowers of purest white; thrives in shady situations; perennial; 1 foot; May
- | | | |
|--|--------|--------|
| | \$0.20 | \$0.05 |
|--|--------|--------|



Giant Snapdragon (Antirrhinum)

ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter. If plants are protected during the winter they will revive during spring and throw up gigantic spikes of flowers during the summer.

MICHELL'S GIANT ANTIRRHINUMS

This strain produces stout heavy spikes, 2 to 3 feet in length, with giant flowers. Used extensively for forcing. Large Pkt. Pkt.

- | | | |
|------------------------------------------------------------|--------|--------|
| 113 Giant Pink | \$0.25 | \$0.10 |
| 114 " Scarlet | .25 | .10 |
| 115 " White | .25 | .10 |
| 116 " Yellow | .25 | .10 |
| 117 " Mixed. All colors | .20 | .10 |
| | .25 | .10 |
| 122 Tall Mixed. A fine selection. ....oz. 40c. | .15 | .05 |
| 124 Imported Collection, 10 Tall Varieties | .40 | .10 |

SEMI-DWARF ANTIRRHINUMS

The plants grow but 18 inches high, but have extreme large flowers over most part of the stem; very showy for garden or forcing. Large Pkt. Pkt.

- | | | |
|------------------------------------------------------------|--------|--------|
| 111 Daphne. Carmine pink, white throat | \$0.40 | \$0.15 |
| 110 Firefly. Bright scarlet | .20 | .10 |
| 119 Golden Queen. Golden yellow, giant flower. | .20 | .10 |
| 120 Queen of the North. Of purest white | .20 | .10 |

DWARF ANTIRRHINUMS

Grow but 12 inches high and are most suitable for edges in the garden. Large Pkt. Pkt.

- | | | |
|------------------------------------------------------------------------------------|-----|-----|
| 118 Golden Sun. Foliage yellow, flowers rosy white with crimson spots | .40 | .15 |
| 112 Dwarf Mixed. All colors | .20 | .05 |
| 123 Imported Collection, 10 Dwarf Varieties | .40 | .10 |



Anemone St.-Brigid

ANEMONE (Wind Flower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial.

- | | | |
|----------------------------------------------------------------------------------------------------|------------|--------|
| | Large pkt. | Pkt. |
| 105 Coronaria Mixed. 2 feet; all colors | \$0.20 | \$0.05 |
| 107 St. Brigid, or Poppy. Flowers of large size with distinct rainbow rings in centre | .40 | .15 |

AQUILEGIAS OR COLUMBINES

An elegant, graceful, beautiful spring flowering perennial, producing exquisitely spurred flowers on stems rising 2 feet above the fern-like foliage; splendid for cutting.

- | | | |
|--------------------------------------------------------------------------------------------------|------------|---------|
| | Large pkt. | Pkt. |
| 139 Long Spurred Hybrids. A great assortment of all varieties possessing long spurs | \$0.40 | \$0.10 |
| 129 Canadensis. Scarlet and yellow | .25 | .05 |
| 130 Chrysantha. Bright golden yellow | .25 | .10 |
| 131 " Alba. Purest white | .30 | .10 |
| 128 Californica Hybrida. All colors, long spurs.... | .25 | .10 |
| 132 Coerulea (Rocky Mountain Columbine). Large flowers, violet blue and white | .40 | .10 |
| 136 Glandulosa Vera. Lavender and white..... | .40 | .15 |
| 133 Haylodgensis Delicatissima. Satiny rose | .50 | .20 |
| 137 Nivea Grandiflora. Pure white | .15 | .05 |
| 138 Rose Queen. Pink, white centre | .50 | .20 |
| 134 Single Mixed | Oz. 35c. | .15 .05 |
| 135 Double Mixed | Oz. 35c. | .15 .05 |

PERENNIAL ASTER (Michaelmas Daisy)

- 328 **Choice Mixed.** The showiest of our late flowering plants and very effective if planted in groups of colors. The bushy plants are surmounted with hundreds of star-like single aster-like flowers
- | | | |
|--|-----|-----|
| | .30 | .10 |
|--|-----|-----|

AURICULA (Primula Auricula)

- 410 **Choice Mixed.** These early flowering perennial plants resemble primroses and have multi-colored flowers in great variety; 1 foot; May..
- | | | |
|--|-----|-----|
| | .50 | .10 |
|--|-----|-----|

BAPTISIA (False Indigo)

- 442 **Australis.** A strong growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue flowers in June and July
- | | | |
|--|-----|-----|
| | .20 | .05 |
|--|-----|-----|

BOLTONIA (False Chamomile)

- 481 **Latisquama.** A tall, late flowering plant with aster-like flowers of pinkish lavender; perennial; 6 feet; September
- | | | |
|--|-----|-----|
| | .30 | .10 |
|--|-----|-----|

BEGONIA (Semperflorens Type)

The following varieties are extensively used for bedding; they are also excellent for pot plants for winter flowering.

- | | | |
|---------------------------------------------------------------------------------------------------|------------|--------|
| | Large pkt. | Pkt. |
| 471 Vernon. Rich orange carmine flowers and bronzy-red foliage | \$0.30 | \$0.10 |
| 455 Anna Regina. Rose-colored flowers | .65 | .15 |
| 459 Erfordia. Delicate pink, one of the choicest.... | .40 | .15 |
| 463 Queen of Carpet Bedder. Of compact dwarf growth and in appearance the same as "Vernon" | .40 | .15 |
| 473 Zulu King. Blood red flowers and dark red leaves and stem | .65 | .15 |

BEGONIA GRACILIS

- | | | |
|--------------------------------------------------------|-----|-----|
| 458 Gracilis Rosea. Light pink | .40 | .15 |
| 457 " Luminosa. Deep red | .50 | .20 |
| 456 " Alba. Pure white | .40 | .15 |
| 467 Choice Mixed. All sorts and varieties | .40 | .10 |

BEGONIA (Tuberous Rooted)

- 461 **International Prize.** An unrivaled strain; seed saved only from the best selected blooms of the large flowered hybrids; single, choicest colors
- | | |
|-------------------------------------------------|---------|
| | .25 |
| 469 Single. Extra choice mixed | .65 .15 |
| 470 Double. Choicest strain, mixed | .25 |

BEGONIA (Ornamental-Leaved)

- 464 **Rex Hybrids.** Beautiful varieties with variegated foliage; choice mixed
- | | | |
|--|-----|-----|
| | .65 | .25 |
|--|-----|-----|

BROWALLIA

Elegant free flowering plants; bloom finely in the winter if sown in August or September; 18 inches.

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|
| | Large pkt. | Pkt. |
| 500 Elata Coerulea. Sky-blue flowers | \$0.20 | \$0.05 |
| 502 Speciosa Major. A large flowering variety of brilliant ultramarine blue; desirable as a pot plant for winter and spring flowering | .30 | .10 |

CALLIOPSIS (Coreopsis)

One of the finest hardy perennial plants.

- 540 **Lanceolata Grandiflora.** Single golden yellow flowers of graceful form; invaluable for cutting; flowers uninterruptedly the entire summer; oz. 50c.
- | | | |
|-----------------------------------------------------------------------------------------------------------------|-----|-----|
| | .15 | .10 |
| 541 California Sunbeams. Very large flowers beautifully formed; various shades of yellow and brown | .25 | .10 |



Aquilegia-Long Spurred



Calceolaria, Hybrida Grandiflora

CALCEOLARIA

An ornamental plant, and a universal favorite for decorating the greenhouse or conservatory; produces a mass of beautiful pocket-like flowers. Our strains of Calceolaria have a wide reputation as to large size, rich and varied colors of the flowers.

| | Large Pkt. | Pkt. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|
| 515 Hybrida Grandiflora, Tall Mixed. Large flowering, rich, self-colored flowers saved from a choice collection; 18 inches | \$0.75 | \$0.25 |
| 516 Hybrida Grandiflora, Pumila Compacta. Of dwarf, compact robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot | .75 | .25 |
| 517 James' Superb Strain. A robust grower, producing very large and beautiful flowers; 18 ins. | 1.25 | .50 |
| 519 Sutton's Perfection. Choicest mixed. Original packet | | .90 |
| 518 Rugosa Mixed (Shrubby). Small flowering varieties for bedding; of the finest colors; 1 foot | 1.25 | .50 |

CANDYTUFT (Iberis)

Very desirable for cutting, and of easy cultivation, flowering within six weeks after sowing; height, 1 foot.

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|--------|
| 561 Michell's Giant White. The largest and finest white. From 10 to 12 immense spikes resembling Hyacinths appear on a single plant; fine for forcing | oz. 60c. | \$0.20 | \$0.10 |
| 562 Empress. Large sprays of white flowers with flattened heads; a popular florist kind; oz. | 40c. | .15 | .10 |
| 566 Pink | oz. 40c. | .15 | .05 |
| 560 Crimson | oz. 30c. | .15 | .05 |
| 559 Carmine. Deep scarlet | oz. 40c. | .15 | .05 |
| 568 Purple. Deep rich purple | oz. 30c. | .15 | .05 |
| 574 White Rocket. Long spikes | oz. 25c. | | .05 |
| 564 Little Prince. Very dwarf and compact with pure white flowers; excellent for edging.... | oz. 50c. | .15 | .10 |
| 576 Choice Mixed. All colors | oz. 20c. | | .05 |
| 578 Imported Collection, 6 colors | | | .25 |
| 570 Sempervirens. Hardy perennial; dwarf spring flowering plants ideal for the bulb border, flowers of glistening white; May; 8 ins.; ¼ oz. | 50c. | .20 | .10 |

CENTROSEMA (Butterfly Pea)

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----|-----|
| 660 Grandiflora. Hardy perennial vine, bearing inverted pea-shaped flowers, from rosy violet to purple with a broad white marking through the centre | | .25 | .10 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----|-----|

For our Special Collection of Hardy Perennial Flower Seeds, see page 56



Canterbury Bell

CAMPANULAS OR BLUE BELLS

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|
| 538 Carpatica, Blue (Carpathian Hare Bell). Compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July..... | Large Pkt. | Pkt. |
| | \$0.15 | \$0.05 |
| 539 Carpatica, White | .15 | .05 |
| 547 Persicifolia Grandiflora, Blue (Peach Bells). Stately spikes, 4 feet tall with immense blue bell-shaped flowers | .30 | .15 |
| 548 Persicifolia Grandiflora, White | .30 | .15 |
| 549 Pyramidalis (Chimney Bell Flower). Perfect pyramids 6 feet high crowded with large bell-shaped flowers of deep blue | .20 | .05 |

CAMPANULA MEDIA (Canterbury Bell)

| | Oz. | Large Pkt. | Pkt. |
|-------------------------------|--------|------------|--------|
| 543 Single Blue | \$0.50 | \$0.15 | \$0.05 |
| 544 " Pink | .50 | .15 | .05 |
| 553 " White | .50 | .15 | .05 |
| 550 " Mixed | .50 | .15 | .05 |
| 551 Double Mixed | 1.25 | .20 | .05 |

CAMPANULA CALYCANTHEMA (Cup and Saucer)

| | Large Pkt. | Pkt. |
|------------------------|------------|--------|
| 545 White | \$0.30 | \$0.10 |
| 588 Pink | .30 | .10 |
| 586 Blue | .30 | .10 |
| 546 Mixed | .25 | .10 |



Marguerite Carnation

CARNATION

These are general favorites on account of their richness of color and delightful fragrance.

| | Large pkt. | Pkt. |
|----------------------------------------------------------------------------------------------|------------|--------|
| 600 Early Vienna. Early flowering, double, extra fine; all colors mixed; 1 foot | \$0.30 | \$0.10 |
| 602 Finest German. Double mixed; selected strain.. | .65 | .25 |
| 610 Choice Mixed. Double; all colors | .50 | .10 |

Marguerite Carnations.

If slightly protected the first winter, they will revive the following spring and bloom during that whole season.

| | Large pkt. | Pkt. |
|---------------------------------------------------------|------------|--------|
| 604 Excelsior. Very large flowering; mixed | \$0.40 | \$0.15 |
| 606 White. Large, perfect flowers | .40 | .10 |
| 608 Yellow. Very fine | .50 | .10 |
| 609 Choice Mixed | 1.00 | .25 |



Centaurea Imperialis, New Giant Corn Flower

CHRYSANTHEMUM (HARDY)

| | Large pkt. | Pkt. |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|
| 666 Comtesse de Chambord (<i>Golden Paris Daisy</i>). Single, beautiful clear yellow daisy | \$0.20 | \$0.10 |
| 667 Frutescens Grandiflorum (<i>Paris Daisy or Marguerite</i>). Single flowers, white with yellow eye | .20 | .10 |
| 671 Shasta Daisy, "Alaska." The finest of all; single white flowers on long stems; 2 feet..... | .65 | .20 |
| 675 Princess Henry. Immense white flowers, 4 inches across; 18 inches (<i>see illustration</i>) | .40 | .10 |
| 685 Japanese Hybrids (<i>Autumn Flowering Chrysanthemum</i>). Large flowers of the finest types; an extra choice mixture; 18 inches | .65 | .15 |



Chrysanth. Pr. Henry (*Giant Paris Daisy*)

CENTAUREA CYANUS

(*Bachelor's Button, Cornflower, Ragged Sailor or Blue Bottle*)

Every one knows this popular old-fashioned flower, so that a description is superfluous.

| | Oz. | Pkt. |
|----------------------------------------------------------------------------------|--------|--------|
| 638 Emperor William. Deep blue | \$0.25 | \$0.05 |
| 644 Double Blue. Very large and double; quite new (Large pkt. 20c.) | | .10 |

CENTAUREA IMPERIALIS (*Giant Cornflower*)

Gigantic, beautiful, sweet-scented flowers are borne on long stems. They are well adapted for cutting and remain fresh long after being cut. Height of plant, 2 to 3 feet.

| | Oz. | Large pkt. | Pkt. |
|---------------------------------------------------------------------|--------|------------|--------|
| 645 Deep Rose | \$0.75 | \$0.20 | \$0.10 |
| 646 Lavender | .75 | .20 | .10 |
| 647 Lilac | .75 | .20 | .10 |
| 648 Brilliant Pink | .75 | .20 | .10 |
| 649 Purple | .75 | .20 | .10 |
| 650 White | .75 | .20 | .10 |
| 651 Choice Mixed | .60 | .20 | .10 |
| 653 Our Collection (one packet each of above 6 varieties) .. | | | .50 |

VARIOUS CENTAUREAS

| | Large pkt. | Pkt. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|
| 654 Margaritae (<i>Giant White Sweet Sultan</i>). The snow-white blooms often measure 3 to 4 inches across and are very fragrant; 18 inches..... | \$0.25 | \$0.10 |
| 656 Suaveolens. Bright yellow, fragrant blossoms.. | .15 | .05 |

CENTAUREA (*Perennial Cornflower*)

Large feathery flowers; splendid for cutting; entire summer; 18 inches.

| | Large pkt. | Pkt. |
|--------------------------------|------------|--------|
| 655 Montana. Blue | \$0.30 | \$0.10 |
| 657 " Alba. White | .30 | .10 |

CINERARIA

One of the most ornamental and useful plants for conservatory or house decoration; seed may be sown from May to September for a succession. *Our Grandiflora Prize Strain* is the best procurable, producing immense trusses of the largest flowers, and has been awarded numerous first prizes.

| | Large pkt. | Pkt. |
|-------------------------------------------------------------------------------------------------------------|------------|--------|
| 691 Grandiflora Prize Dwarf. Mixed colors; plants of dwarf habit | \$0.75 | \$0.35 |
| 693 Grandiflora Prize Medium Tall. Mixed colors; desirable as a decorative plant... | .75 | .35 |
| 699 James' Giant Strain. A superb variety; mixed colors | 1.25 | .50 |
| 707 Sutton's Superb. Mixed colors. Original pkt. | | .75 |
| 700 Matador. Large bright red flowers | | .35 |
| 695 Hybrida. Choice mixed colors | .65 | .25 |
| 702 Radiata Hybrida. New varieties of the Star Cineraria in a wide range of colors and shades | .75 | .20 |
| 703 Stellata (Sutton's). Medium sized star-like flowers. Original pkt. | | .75 |
| 705 Stellata Hybrida. Of graceful and vigorous habit, producing a profusion of elegant flowers | 1.25 | .50 |

CLEMATIS

| | Large pkt. | Pkt. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|
| 710 Flammula. Feathery-white, fragrant flowers | \$0.15 | \$0.05 |
| 712 Jackman's Large Flowering. Mixed; saved from the finest, large flowering sorts | .40 | .15 |
| 714 Paniculata (Japanese Virgin's Bower). The beautiful autumn flowering variety so much admired for its fragrant, white star-shaped flowers | .20 | .10 |

CUPHEA (Cigar Plant)

| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 775 Platycentra. A valuable plant for greenhouse or conservatory, or for bedding; flowers scarlet with black and white lip | .30 | .10 |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----|-----|

CYPERUS (Umbrella Plant)

| | | |
|--------------------------------------------------------------------------------------|-----|-----|
| 810 Alternifolius. An elegant plant for growing in water or damp places | .50 | .10 |
|--------------------------------------------------------------------------------------|-----|-----|



Michell's Fancy Giant Cyclamen

CYCLAMEN

Beautiful plants for the window or greenhouse, with mottled leaves and rich colored flowers. Both the strains offered below have gained a reputation for their large size, perfect form and brilliant colors.

MICHELL'S "DISTINCTIVE" GIANT

Grown for us in England by a Specialist who has received numerous First Prizes for the large size and beautiful coloring of the flowers.

| | 100 Seeds | Pkt. |
|----------------------------------------------------------------|-----------|--------|
| 790 Duke of Connaught. Crimson | \$1.50 | \$0.50 |
| 792 Excelsior. White with red eye | 1.50 | .50 |
| 794 Grandiflora Alba. White | 1.50 | .50 |
| 796 Princess of Wales. Pink | 1.50 | .50 |
| 798 Salmon Queen. Salmon pink | 1.50 | .50 |
| 799 Mixed. All colors | 1.25 | .40 |
| 806 Sutton's Giant. Choicest mixed. Per Orig. pkt. | | 1.00 |

REGULAR GIGANTEUM STRAIN

Grown for us by a Specialist in Germany.

| | | |
|-------------------------------------------|------|-----|
| 780 Giganteum Album. White | 1.25 | .35 |
| 782 " Roseum. Pink | 1.25 | .35 |
| 784 " Rubrum. Red | 1.25 | .35 |
| 786 " White with carmine eye | 1.25 | .35 |
| 788 " Mixed. Choicest strain | 1.00 | .25 |

| | | |
|-------------------------------------------------------------------------------------------------------------|------|-----|
| 802 Papilio (Butterfly). The edges of the flowers are beautifully fringed, or waved; mixed colors... | 2.00 | .40 |
|-------------------------------------------------------------------------------------------------------------|------|-----|

| | | |
|-----------------------------------------|--------|-----|
| 804 Persicum. Choice mixed | \$0.40 | .10 |
|-----------------------------------------|--------|-----|

ENGLISH DOUBLE DAISY (Bellis Perennis)

These are strictly biennials and seed should be sown from June 1st till September, transplanted in the fall and they will flower the following spring. If sown in the spring they will flower in the autumn; 4 inches.

| | Large pkt. | Pkt. |
|-----------------------------------------------------------|------------|--------|
| 856 Monstrosa, Pink. The largest flowering sort... | \$0.65 | \$0.25 |
| 858 " White. " " " " | .65 | .25 |
| 855 Giant White. Large double flowers | .50 | .15 |
| 857 " Mixed. All colors | .50 | .15 |
| 859 Longfellow. Delicate pink | .40 | .10 |
| 860 Snowball. Purest white | .40 | .10 |
| 861 Double Mixed | .40 | .10 |



English Daisy-Monstrosa



Delphinium, Kelway's Giant

DELPHINIUM (Hardy Larkspur)

Highly prepossessing plants of stately appearance; of easiest culture they are readily the most popular of all hardy plants. Their main season of bloom is in June, but if the flower-spike is cut back promptly it will branch and flower all through fall.

- | | Large Pkt. | Pkt. |
|----------------------------------------------------------------------------------------------------------------------|------------|--------|
| 878 Kelway's Giant. A strain recognized the world over as a prize-winner; 5 to 7 feet | \$0.50 | \$0.15 |
| 883 Hybridum Mixed. A splendid mixture; 4 feet oz. 40c. | .15 | .05 |
| 871 Belladonna. Immense spikes of delicate heavenly blue; 5 feet | .65 | .25 |
| 877 Formosum. Deep blue; 5 feet | oz. \$1.25 | .20 |
| 875 Chinense Grandiflorum. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet | oz. 50c. | .15 |
| 874 Chinense Grandiflorum Album. Pure white flowers | oz. 50c. | .15 |
| 873 Cashmerianum. Dark blue; 18 inches | .50 | .10 |
| 876 Elatum (Bee Larkspur). Rich blue; 4 feet; oz. \$1.00 | .25 | .10 |
| 879 Nudicaule. Bright scarlet; 18 inches | .50 | .10 |
| 881 Zalil. Sulphur yellow; 4 feet | .50 | .10 |

DIANTHUS (Hardy Garden Pinks)

- | | | |
|------------------------------------------------------------------------------------------------------|------------|-----|
| 917 Erfurt. Of dwarf, compact growth; blooms early; very fragrant; mixed colors | .65 | .15 |
| 919 Clove Scented. Double and semi-double varieties, in beautiful colors; fragrant | .40 | .10 |
| 920 Latifolius Atrococcineus (Everblooming Hybrid Sweet William). Double, brilliant red | .25 | .10 |
| 921 Pheasant's Eye. Single white, fringed flowers with dark centre | oz. \$0.40 | .15 |
| 923 Double Scotch. Choice colors; mixed | .40 | .15 |

DICTAMNUS (Gas Plant)

- | | | |
|---------------------------------------------------------------------------------------------------------|-----|-----|
| 925 Fraxinella. Showy bushy plants 2½ feet high, rosy pink flowers; perennial; June and July.... | .15 | .05 |
|---------------------------------------------------------------------------------------------------------|-----|-----|

DRACENA

- Ornamental plants for vases or conservatory decoration.
- | | |
|-------------------------------------------------------------------|------------|
| 940 Australis. A splendid vase plant.. (Large pkt. \$0.25) | .10 |
| 942 Indivisa. Valuable for hanging baskets....oz. | \$0.50 .10 |

MICHELL'S SUPERB MIXTURE OF PERENNIAL FLOWER SEEDS

To create an old-fashioned, wild garden or to naturalize along roads or woods we highly recommend this mixture, as it contains many hundred varieties of the choicest old-fashioned flowers. Pkt. 10c., 25c. ½ oz., 1 oz. 50c., \$1.50 per ¼ lb.



Digitalis (Foxglove) Gloxiniaeflora

DIGITALIS (Foxglove)

Though considered biennial they can readily be made perennial, by cutting back the flower-spikes immediately after blooming. The large leaves late in fall should be cut back severely, so as to harden the plant for winter. Stately spikes, 5 to 7 feet tall; flowers early in June.

- | | Oz. | Large Pkt. | Pkt. |
|------------------------------------------------------------------------------------------------------------------------|------------|------------|--------|
| 927 Gloxiniaeflora, Pink | \$1.00 | \$0.15 | \$0.10 |
| 928 " Purple | 1.00 | .15 | .10 |
| 929 " White | 1.00 | .15 | .10 |
| 930 " Mixed | .75 | .15 | .05 |
| 932 Monstrosa (Mammoth Foxglove). The tall spikes are surmounted by one monstrous flower all colors mixed | ¼ oz. 40c. | .30 | .10 |

EDELWEISS (Gnaphalium)

- | | | |
|--------------------------------------------------------------------------------------------------------|-----|-----|
| 950 Leontopodium. A famous Alpine flower; suitable for rock-work, etc.; hardy perennial; 6 ins. | .40 | .15 |
|--------------------------------------------------------------------------------------------------------|-----|-----|

EULALIA (Ornamental Grass)

- | | | |
|------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 970 Japonica. A hardy perennial variety, with long, graceful leaves; green and white striped; 4 to 5 feet | .15 | .05 |
|------------------------------------------------------------------------------------------------------------------------|-----|-----|

EUPATORIUM

- | | | |
|----------------------------------------------------------------------------------------------------------|-----|-----|
| 975 Fraseri. A fine hardy perennial; clusters of white flowers; excellent for cutting; 2 feet.... | .20 | .10 |
|----------------------------------------------------------------------------------------------------------|-----|-----|

FERNS

Very desirable plants for ferneries or for rock-work, or borders in shady positions during the summer.

- | | Large Pkt. | Pkt. |
|--------------------------------------------------|------------|--------|
| 985 Adiantum (Maiden Hair). Mixed | \$0.40 | \$0.15 |
| 989 Pteris Varieties. Mixed | .40 | .15 |
| 991 Choice Mixed. Choice collection | .40 | .15 |

GENTIANA (Blue Gentian)

- | | | |
|------------------------------------------------------------------------------------------------------|-----|-----|
| 1035 Acaulis. Dwarf hardy perennial; deep blue flowers; suited to moist, shady situations.... | .20 | .10 |
|------------------------------------------------------------------------------------------------------|-----|-----|

GERBERA (Transvaal Daisy)

- Splendid greenhouse perennials with large fine leaved, daisy-like flowers; splendid for pot plants for cutting. 100 seeds Pkt.
- | | | |
|-------------------------------------------------------------------------------|--------|--------|
| 1049 Jamesoni Gigantea. Extra large flowers of brightest scarlet | \$1.50 | \$0.25 |
| 1047 Jamesoni Hybrida (New). All colors in great variation | | .50 |



Gaillardia Grandiflora

GAILLARDIA (Blanket Flower)

Compact tufts of silvery gray foliage with slender 2-foot spikes of gorgeously colored daisy-like flowers of immense size; flowers all summer; hardy perennial.

- | | | |
|-------------------------------------------------------------------------------------------------|------------|--------|
| | Large Pkt. | Pkt. |
| 1020 Grandiflora Compacta. A compact variety; choice mixed colors; 12 to 15 inches | \$0.20 | \$0.10 |
| 1022 Grandiflora Superba. Splendid mixed, 2 feet; oz. 50c. | .15 | .10 |
| 1021 Grandiflora Sanguinea. Blood red flowers.... | .40 | .15 |
| 1030 Sulphurea Oculata. Sulphur yellow, maroon eye .30 | | .10 |
| 1029 Semi-Double. Golden yellow tinged maroon... .30 | | .15 |

GLOXINIA

Showy, free-flowering plants for pot culture; producing magnificent flowers of the richest colors; 1 foot.

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|
| | Large. pkt. | Pkt. |
| 1055 Hybrida Grandiflora. The best strain in existence, embracing all the choicest self-colored, and tigated and spotted flowers | \$0.75 | \$0.25 |

GOLDEN ROD (Solidago Canadensis)

- | | | |
|-----------------------------------------------------------------------------|------------|--------|
| 1065 A well-known hardy perennial; deep golden yellow flowers; 2 feet | Large Pkt. | Pkt. |
| | \$0.15 | \$0.05 |

GYPSOPHILA (Baby's Breath)

- | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 1105 Paniculata. Dainty little miniature flowers of pure white, borne on bushy, branching plants; excellent for cutting; perennial; 2 feet; oz. 40c. | .15 | .05 |
| 1106 Paniculata, fl. pl. (New). Double white..... | .30 | |

HELENIUM (Sneeze-Wort)

- | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 1108 Autumnale Superbum. Perennial; succeeding in almost any kind of soil; large heads of golden yellow flowers; 5 to 6 feet; fall..... | .30 | .10 |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|

HELIOTROPE

A highly prized plant on account of the delightful fragrance of the flowers; excellent for pots, or for bedding; 18 inches.

- | | | |
|-------------------------------------------------------------------------------------------------------------------------|------------|--------|
| 1115 Lemoine's Giant. Produces a profusion of flowers nearly double the size of the old sort; mixed colors | Large Pkt. | Pkt. |
| | \$0.50 | \$0.15 |
| 1117 Regal. Of dwarf compact growth; immense flowers; all shades | .50 | .15 |
| 1119 Choice Mixed. Of many varieties | .25 | .10 |
| 1121 Imported Collection. 6 sorts | .40 | |

HELIOPSIS (Orange Sunflower)

- | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|
| 1112 Pitcheriana. Hardy perennial; producing an abundance of deep orange yellow flowers the entire summer; excellent for cutting; 3 to 4 feet | Large pkt. | Pkt. |
| | oz. 50c. | .15 .10 |

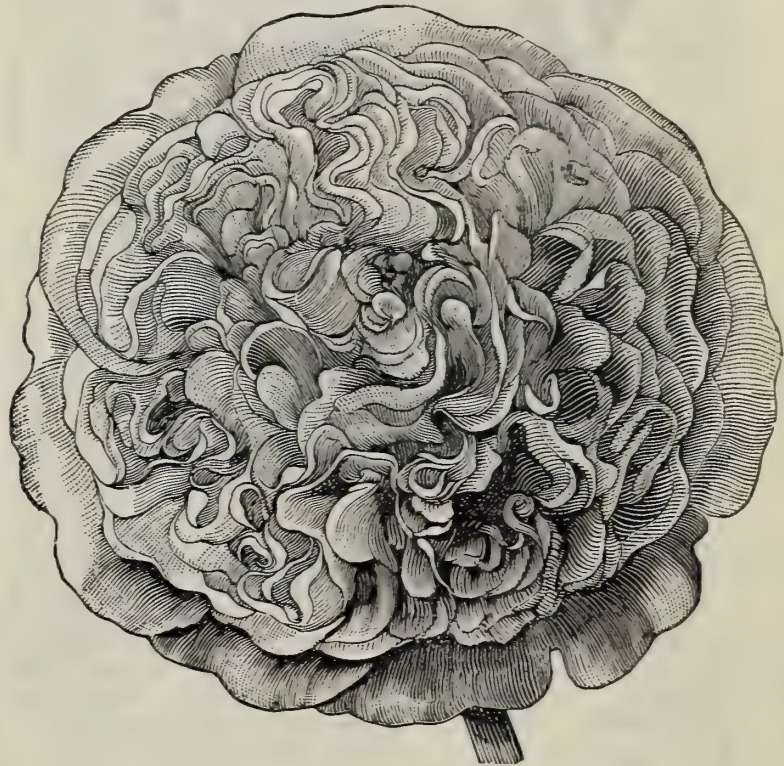
HEUCHERA (Alum Root)

- | | | |
|-------------------------------------------------------------------------------------------------------------|-----|-----|
| 1125 Sanguinea. Splendid plant; spikes of vivid crimson flowers; excellent for cutting; 1 foot | .40 | .10 |
|-------------------------------------------------------------------------------------------------------------|-----|-----|

HIBISCUS (Marshmallow)

Showy, ornamental plants, having large sized, beautiful bell-shaped flowers; perennial.

- | | | | |
|--------------------------------------------------------------------------------|----------|--------|--------|
| 1130 Crimson Eye. Large white flowers with crimson centre; 4 feet | oz. 60c. | \$0.15 | \$0.10 |
| 1132 Golden Bowl. Giant yellow, maroon centre.... | .20 | | .10 |
| 1134 Palustris. Large pink flowers; 3 feet | .20 | | .05 |



Chater's Double Hollyhock

HOLLYHOCK

One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

CHATER'S IMPROVED DOUBLE HOLLYHOCK

Our strain of this is the best that can be procured; seeds saved from the most double flowers.

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|--------|
| | Oz. | Large pkt. | Pkt. |
| 1149 Pink | \$1.25 | \$0.30 | \$0.10 |
| 1150 Maroon | 1.25 | .30 | .10 |
| 1151 Red | 1.25 | .30 | .10 |
| 1153 Salmon | 1.25 | .30 | .10 |
| 1155 White | 1.25 | .30 | .10 |
| 1157 Yellow | 1.25 | .30 | .10 |
| 1159 Choice Mixed | 1.00 | .25 | .10 |
| 1160 Single Mixed | 1.00 | .15 | .10 |
| 1161 Imported Collection. 6 colors | | | .40 |
| 1163 Imported Collection. 12 colors | | | .75 |
| 1146 Allegheny. Semi-double; mammoth flowers, edges fringed and lacinated; mixed; oz. \$1.00 | | .30 | .10 |
| 1147 Double Hybrid Ever-blooming. Immensely tall plants with big leaves; colors range from white to deep black, yellow, pink, red, purple | | .50 | .20 |
| 1148 Single Hybrid Ever-blooming. Differ from above only in the flowers being single; oz. \$1.00 | | .30 | .15 |

HONESTY (Moonwort, Satin Flower)

- | | | |
|-------------------------------------------------------------------------------------------------------|-----|-----|
| 1165 Admired for its silvery seed pods, which are used for ornamental purposes; perennial; 2 ft. | .15 | .05 |
|-------------------------------------------------------------------------------------------------------|-----|-----|

INCARVILLEA (Hardy Gloxinia)

- 1184 **Delavayi.** Deeply cut hairy foliage with stout stalks terminated with 3 to 5 most beautiful pink, gloxinia-like flowers; May; 15 inches. Large pkt. Pkt. \$0.50 \$0.25

KENILWORTH IVY (Linaria Cymbalaria)

- 1195 A charming, neat trailing plant, for baskets, vases, pots, etc.; flowers violet Large pkt. Pkt. \$0.30 \$0.05



Lathyrus (Everlasting Pea)

LATHYRUS LATIFOLIUS

(Everlasting or Perennial Pea)

Free flowering, resembling Sweet Peas in growth, foliage and flowers; excellent for cutting.

- | | | |
|-------------------------------------------|-----|------|
| 1210 Crimson. Brilliant | Oz. | Pkt. |
| 1212 Pink Beauty. Bright rosy-pink | .40 | .10 |
| 1214 White | .40 | .10 |
| 1216 Choice Mixed. All colors | .30 | .05 |

LAVENDER (Lavandula Vera)

- | | | |
|-----------------------------------------------------------------------------------------|--------|--------|
| 1220 Well-known perennial plant bearing long spikes of fragrant blue flowers; 18 inches | Oz. | Pkt. |
| | \$0.60 | \$0.05 |

LILY OF THE VALLEY (Convallaria Majalis)

- | | | |
|---------------------------------------------------------------------------------------|------------|--------|
| 1225 Lovely plants, bearing pure white, fragrant, bell-shaped flowers early in spring | Large Pkt. | Pkt. |
| | \$0.25 | \$0.10 |

LIATRIS (Blazing Star or Gay Feather)

- | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------|--|-----|-----|
| 1227 Pycnostachia. Showy and attractive plants, with long spikes of rosy purple flowers; perennial; July to September; 3 to 4 feet | | .50 | .10 |
|-------------------------------------------------------------------------------------------------------------------------------------------|--|-----|-----|

LOBELIA (Cardinal Flower)

- | | | | |
|-------------------------------------------------------------------------------------------------------------------------|--|-----|-----|
| 1237 Cardinalis. Hardy perennial; tall spikes of bright scarlet flowers, very showy; thrives in moist situations | | .50 | .10 |
|-------------------------------------------------------------------------------------------------------------------------|--|-----|-----|

LUPINUS (Lupin)

A valuable and showy flower; blooming in six to eight weeks after sowing; valuable for cutting; seeds sown in greenhouse during the late summer and fall months will produce an abundance of bloom for winter.

- | | | |
|--------------------------------------------------------------------------------------------------|--------|--------|
| 1268 Pink Beauty. Tall spikes of an exquisite shell-pink color | Oz. | Pkt. |
| | \$0.50 | \$0.10 |
| 1265 Blue | .30 | .05 |
| 1267 Pink | .30 | .05 |
| 1269 Red | .30 | .05 |
| 1271 Scarlet, White Tipped | .30 | .05 |
| 1273 White | .30 | .05 |
| 1275 Yellow | .40 | .10 |
| 1277 Mixed. Annual varieties | .20 | .05 |
| 1278 Polyphyllus Roseus. A showy perennial variety; rosy pink flowers (Large pkt. \$0.40) | | .15 |
| 1279 Perennial Mixed | .30 | .05 |

LYCHNIS

Perennials of easy culture; most erective in beds or borders.

- | | | | | |
|------------------------------------------------------------------------------------------------------------|-----|------|--------|--------|
| 1285 Chalcedonica (Rose Champion). Fine scarlet cross-like flowers; 2 feet; July | oz. | 40c. | \$0.15 | \$0.05 |
| 1287 Haageana. Brilliant, large, orange, scarlet, pink, or crimson flowers in mixture; 1 foot; July | | | .20 | .10 |

LYTHRUM (Rose Loose-Strife)

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------|--|-----|-----|
| 1288 Roseum Superbum. Plants grow 3 feet high and produce spikes of rosy flowers from July to September; perennial | | .15 | .10 |
|---------------------------------------------------------------------------------------------------------------------------|--|-----|-----|

MIGNONETTE

Valuable for cutting on account of its fragrance; sow in succession during the whole summer; also valuable for growing in pots for winter and spring flowering.

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|--------|
| 1356 Michell's Colossal. Foliage, stalks and flowers are very robust. The flower-spike often averaging 18 inches; extremely fragrant | | \$0.50 | \$0.15 |
| 1354 Hoehl's Giant Flowering. Seed saved from the finest specimens grown under glass; very large and especially suitable for forcing | | .65 | .15 |
| 1340 Allen's Defiance. Spikes invariably attain a height of 12 to 15 inches; deliciously fragrant; oz. 60c. | | .20 | .10 |
| 1341 Allen's Defiance (Special). Indoor-grown seed, extra choice, in original packets | | | 1.00 |
| 1345 Bismarck. Compact plant of strong growth; stout spikes of large flowers | | .30 | .10 |
| 1355 Machet. Large reddish tinted, sweet scented flowers | oz. 50c. | .15 | .10 |
| 1352 Goliath. Giant spikes of brilliant red flowers | | .30 | .10 |
| 1363 Sutton's Giant. Reddish buff, original pkts | | | .25 |
| 1365 Sweet Scented. The popular garden sort; oz. 15c. | | | .05 |
| 1367 Imported Collection, 10 Varieties | | | .50 |

MONARDA (Bee Balm or Bergamot)

- | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|-----|-----|
| 1382 Didyma. Tall plants crowned with whorls of salvia-like, deep scarlet flowers; very showy and attractive; perennial; 4 feet; July-August | | .65 | .15 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|-----|-----|

IMPORTED COLLECTIONS PERENNIAL FLOWER SEEDS

- | | |
|-----------------------------------------|--------|
| Collection containing 12 Distinct Sorts | \$0.40 |
| “ “ 25 “ “ | .75 |



Lupinus, Polyphyllus Roseus



Myosotis (Forget-Me-Not)

MYOSOTIS

- Neat and beautiful little plants with star-shaped flowers, succeeding best in a moist semi-shaded situation. Large Pkt. Pkt.
- 1391 **Alpestris Victoria.** Of bushy habit; bearing large bright blue flowers; very fine; 6 inches. \$0.30 \$0.10
 - 1395 **Eliza Fanrobert.** Large flowering, bright blue .20 .10
 - 1399 **Grandiflora Alba.** Large white flowers; 6 in. .25 .10
 - 1400 **Grandiflora Rosea.** Large pink flowers; 6 in. .25 .10
 - 1401 **Palustris.** The true Forget-Me-Not; bright blue flowers; 6 in. .40 .10
 - 1405 **Royal Blue.** Upright grower; blue; 1 foot. .40 .10
 - 1406 **Ruth Fischer.** A compact plant with light blue flowers; splendid for pots .65 .25
 - 1407 **Choice Mixed.** Various shades. .20 .05

MYOSOTIS (Perennial Forget-Me-Not)

- These differ from the biennial by reappearing each year in heavier plants and more numerous flowers; 8 inches; all summer. Large Pkt. Pkt.
- 1393 **Dissitiflora.** Deep green foliage and attractive deep blue flowers .40 \$0.10
 - 1403 **Palustris Semperflorens.** Dwarf; blooms the entire season; deep blue .30 .10

MICHELL'S GIANT PANSIES

For early spring blooming, seed may be sown from July to September in frames, protecting same during the winter. Pansies thrive best in moist, semi-shady situations.

PANSIES IN MIXTURES Large pkt. Pkt.

- 1595 **Michell's Giant Exhibition.** A blending of our own containing only the very choicest the specialists in Europe have to offer; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz. \$6.00, \$1.00 per 1/8 oz. .65 \$0.25
- 1608 **Triumph of the Giant.** Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Per oz. \$10.00, \$3.00 per 1/4 oz. .75 .50
- 1597 **Bugnot, Odier and Cassier.** A superb mixture of giant blotched varieties. 1/8 oz. \$1.00 .65 .25
- 1599 **Giant Trimardeau.** Very large flowering; all colors mixed. 1/4 oz. \$0.60 .40 .10
- 1600 **Mad. Perret.** Early flowering, fragrant, especially rich in red shades. 1/4 oz. \$1.25 .65 .25
- 1601 **Masterpiece.** New giant curled. 1/4 oz. \$1.50 .65 .25
- 1603 **Non Plus Ultra.** Beautiful colors. 1/4 oz. 1.50 .65 .25
- 1605 **Odier or Blotched.** A beautiful strain. 1/4 oz. \$1.25 .65 .15
- 1607 **Parisian Large Stained.** Choicest colors. 1/4 oz. \$1.25 .50 .15
- 1609 **Finest English Mixed** .oz. \$1.50 .30 .10
- 1611 **Very Fine Mixed** .oz. .75 .20 .05
- 1613 **Imported Collection.** 6 colors .40
- 1614 **Imported Collection.** 12 colors .75

MICHELL'S GIANT PANSIES SEPARATE COLORS

A strain secured from the leading Pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

| | | | 1/4 Oz. | Large pkt. | Pkt. |
|------|--------------------------------|-------------------------------------------------------------------------------|---------|------------|--------|
| 1535 | Giant Prize Azure Blue. | Violet blue... | \$1.00 | \$0.50 | \$0.15 |
| 1537 | " " | Black Blue. Dark velvety. | 1.00 | .50 | .15 |
| 1539 | " " | Emperor William. Ultra-marine blue | 1.00 | .50 | .15 |
| 1541 | " " | Hortensia Red. Scarlet... | 1.25 | .50 | .15 |
| 1543 | " " | King of the Blacks. Black | 1.00 | .50 | .15 |
| 1545 | " " | Lord Beaconsfield. Violet. | 1.00 | .50 | .15 |
| 1549 | " " | Peacock. Upper petals blue, lower petals deep claret with white margin | 2.00 | .50 | .15 |
| 1551 | " " | Snow Queen. Pure white. | 1.00 | .50 | .15 |
| 1553 | " " | Striped and Mottled | 1.00 | .50 | .15 |
| 1557 | " " | White with dark eye | 1.00 | .50 | .15 |
| 1559 | " " | Pure Yellow | 1.00 | .50 | .15 |
| 1561 | " " | Yellow with dark eye | 1.00 | .50 | .15 |

SPECIAL OFFER. We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 pkts. for \$1.40.

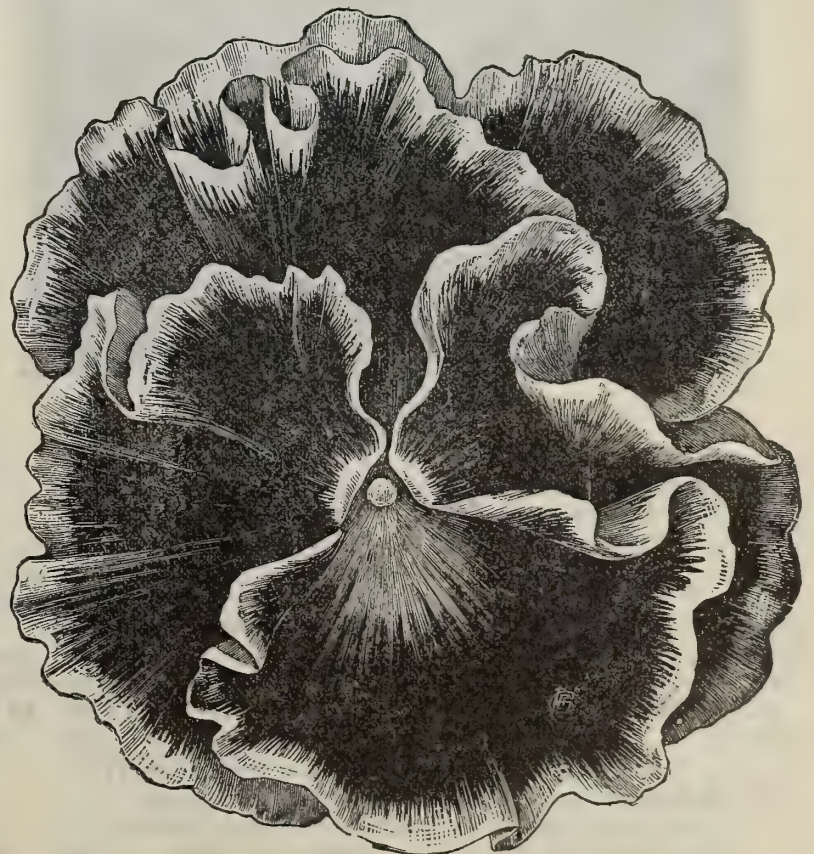
PANSIES—Regular Sorts in Separate Colors

| | | | Oz. | Large pkt. | Pkt. |
|------|-------------------------------------------------|-------|--------|------------|--------|
| 1565 | Belgian Striped. Showy | ..... | \$1.25 | \$0.30 | \$0.10 |
| 1567 | Emperor William. Ultramarine blue... | | 1.25 | .30 | .10 |
| 1569 | Faust (King of the Blacks). Almost black | ..... | 1.25 | .30 | .10 |
| 1571 | Gold Margined. Purple, golden edge... | | 1.25 | .30 | .10 |
| 1573 | Havana Brown | ..... | 1.25 | .30 | .10 |
| 1575 | Lord Beaconsfield. Violet | ..... | 1.25 | .30 | .10 |
| 1577 | Mahogany Colored | ..... | 1.25 | .30 | .10 |
| 1579 | Silver Edged. Purple, silver edge | ..... | 1.25 | .30 | .10 |
| 1581 | Snow Queen. Pure white | ..... | 1.25 | .30 | .10 |
| 1583 | White with dark eye | ..... | 1.25 | .30 | .10 |
| 1585 | Yellow Gem. Pure yellow | ..... | 1.25 | .30 | .10 |
| 1587 | Yellow with dark eye | ..... | 1.25 | .30 | .10 |

SPECIAL OFFER. We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c.; or the entire 12 packets for 90c.

PAEONY

- Large Pkt. Pkt.
- 1534 **Mixed.** Of various colors; will bloom the third year from seed; double and semi-double. .30 \$0.10



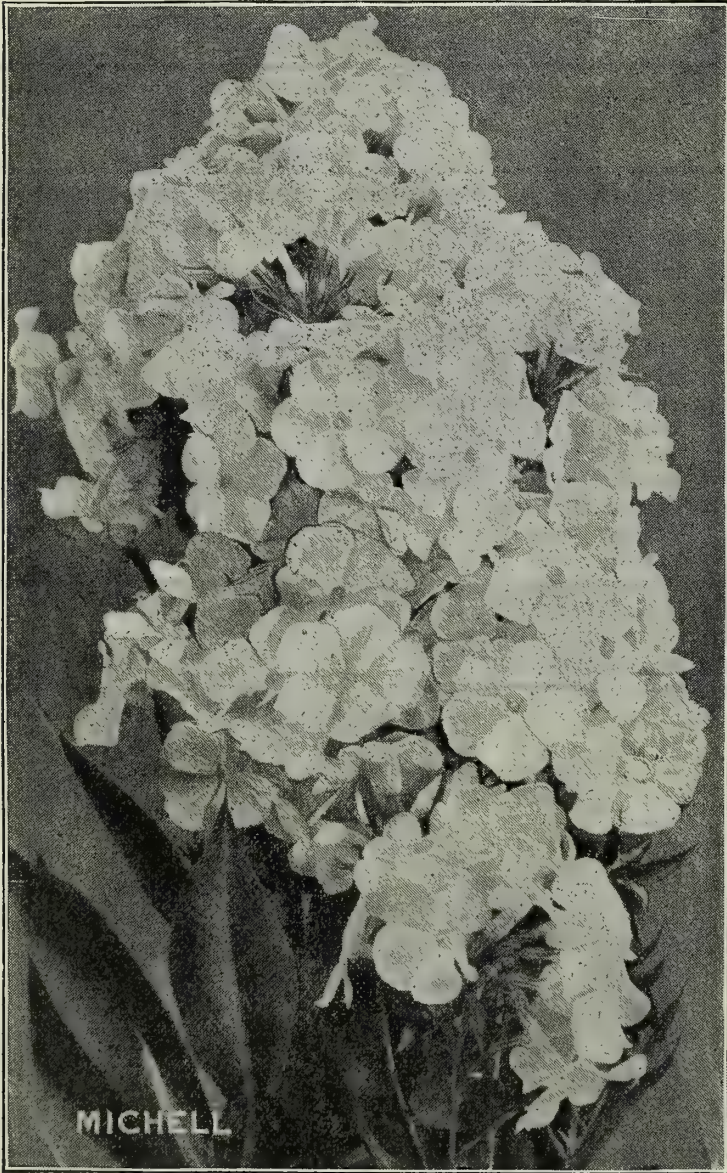
Pansy—Michell's Giant Exhibition

PASSIFLORA (Passion Flower)

1630 Ornamental climbing plants for the greenhouse or the garden, producing showy flowers in profusion; mixed colors \$0.25 \$0.10

PENTSTEMON (Beard-Tongue)

A beautiful perennial plant producing large spikes of handsome flowers.
 1643 **Barbatus Torreyi.** Spikes of brilliant coral red, very effective; June to August; 3 to 4 feet... \$0.15 \$0.10
 1646 **Digitalis.** Spikes of white flowers, with purple throat; July and August15 .10
 1644 **Sensation.** Plants producing large spikes of Gloxinia-like flowers of the most brilliant and varied colors; 2 feet; requires protection.... .40 .15
 1645 **Mixed.** Producing large spikes of handsome flowers; 3 feet15 .05



Hardy Phlox

HARDY PHLOX

1725 **Decussata.** For a gorgeous show these are the most satisfactory of all perennials; plants 2 feet high, in all bright colors; sow seeds late in fall and they will germinate in the spring; mixed; ¼ oz. 6oc. \$0.30 \$0.10

PHYSOSTEGIA (False Dragon Head)

A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.
 1732 **Virginica.** Pink \$0.20 \$0.10
 1733 " **Alba.** White30 .10

PLATYCODON (Chinese Bell Flower)

1735 **Grandiflorum, Blue.** A hardy perennial bearing a profusion of large bell-shaped flowers during the whole season; blue; 2 to 3 feet.... .15 .05
 1736 **Grandiflorum, White**15 .05

POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials, either for pot culture or for garden; succeeds best in partial shade; 9 inches.
 1738 **Gold Laced.** Flowers of brilliant colors, with distinct yellow edge \$0.50 \$0.15
 1740 **Double Mixed.** Beautiful colors65 .15
 1741 **English Mixed.** The best single30 .10



Poppy-Oriental Hybrids

PERENNIAL POPPIES

1782 **Giant Scarlet (Bracteatum).** Large flowers; 3 feet \$0.20 \$0.10
 1784 **Iceland, Single Mixed.** Colors range from white and yellow to deep orange scarlet; useful for cutting; 12 ins.20 .10
 1783 **Iceland, White**20 .10
 1785 **Iceland, Yellow**20 .10
 1786 **Iceland, Double Mixed.** 1 foot30 .10
 1787 **Oriente.** Extra large flowers; deep scarlet.. .25 .10
 1788 **Oriente Hybrids.** Beautiful flowers, often measuring 6 inches across, of many colors.... .30 .10
 1789 **Oriente Parkmanni.** Deep crimson flowers of immense size50 .10
 1790 **Imported Collection.** Perennial poppies, 8 varieties.. .40

PUERARIA THUNBERGIANA (Kudzu Vine)

1855 One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms30 .10

PYRETHRUM (Perennial)

Fine for borders; very desirable for cutting.
 1862 **Roseum.** Flowers bright rose color; July; 2 feet25 .10
 1866 **Uliginosum.** Large, single white flowers; September; 6 feet30 .10
 1868 **Hybridum Single Mixed.** Large flowers ranging in color from light pink to deep red, with bright yellow centres; July; 2 feet20 .10
 1869 **Hybridum Double Mixed**65 .25

RUDBECKIA (Coneflower)

1902 **Newmani.** Large yellow flowers with black centre; perennial; 2 feet; all summer40 .10

SAINTPAULIA (African Violet)

1910 **Ionantha.** Beautiful greenhouse plants, bearing a profusion of flowers resembling the violet both in color and shape25

SALVIA

1927 **Azurea Grandiflora.** Perennial; sky blue30 .10



Michell's Prize Chinese Primula

PRIMULA

FRINGED CHINESE PRIMROSE

Our strains are unsurpassed and have won many first prizes.

- 1819 **Michell's Prize Mixture.** This mixture contains only the very finest sorts selected from the best strains
- | | | |
|--------------------------------------------------------------|------------|------|
| | Large pkt. | Pkt. |
| 1805 Alba Magnifica. White flowers with yellow eye | .75 | .40 |
| 1806 Chiswick Red. Brilliant red | .75 | .40 |
| 1807 Holborn Blue. A beautiful shade | .75 | .40 |
| 1809 Kermesina Splendens. Crimson | .75 | .40 |
| 1811 Rosy Morn. Delicate pink | .75 | .40 |
| 1813 Stellata (Sutton's). Excellent pot plant; mixed. | | |
| Per original pkt. | | 1.25 |
| 1815 Fern Leaved. Choicest mixed colors | .75 | .25 |
| 1825 Imported Collection. 8 varieties | | .75 |

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger, and produced in greater abundance.

- | | | |
|----------------------------------|------------|--------|
| | Large pkt. | Pkt. |
| 1831 Lilacina. Pale lilac | \$0.65 | \$0.20 |
| 1826 Rosea. Pink | .65 | .20 |
| 1827 Kermesina. Crimson | .65 | .20 |
| 1835 Alba. White | .65 | .20 |
| 1829 Hybrida Mixed | .65 | .20 |

PRIMULA OBCONICA GRANDIFLORA

- | | | |
|-----------------------------------------------------------------------------------------------|-----|-----|
| 1828 Compacta (New). Excellent dwarf, compact plants with dense heads of large flowers | .65 | .25 |
| 1830 Fimbriata. Flowers finely fringed | .65 | .15 |
| 1837 Vesuvius. Deep crimson | .65 | .25 |

VARIOUS SORTS

- | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 1845 Primula Kewensis (Verbena Scented Yellow Primrose). Spikes each 12 to 18 inches long, and bearing four to six whorls of bloom; color, soft yellow | .65 | .40 |
| 1839 Buttercup. Yellow flowers; fine for pots | .65 | .25 |
| 1844 Forbesi (Baby Primrose). Small flowers; fine for pots; color, rosy lilac | .65 | .25 |
| 1840 Cortusoides Sieboldii. Hardy perennial variety; should have slight protection during the winter; also fine for pots; mixed colors | .65 | .15 |
| 1846 Veris (English Cowslip). Hardy perennial; fragrant; mixed | .20 | .10 |
| 1848 Vulgaris (English Primrose). The common hardy English variety; canary yellow | .40 | .10 |

SMILAX

- 1985 A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing; 10 feet
- | | | | | |
|--|-----|--------|-----|-----|
| | OZ. | \$0.50 | .15 | .10 |
|--|-----|--------|-----|-----|

STOKESIA (Cornflower or Stokes' Aster)

- Dwarf tufts with stout flower stalks, 15 inches high, with large Aster-like flowers; perennial; July to October.
- | | | |
|--------------------------------|------------|--------|
| | Large pkt. | Pkt. |
| 2055 Cyanea. Light blue | \$0.25 | \$0.10 |
| 2057 " Alba. Pure white | .65 | .15 |



Scabiosa Caucasic

SCABIOSA

Handsome perennial border plants flowering the entire season.

- | | | |
|----------------------------------------|------------|--------|
| | Large Pkt. | Pkt. |
| 1950 Caucasica. Soft blue | \$0.40 | \$0.10 |
| 1948 Caucasica Alba. Pure white | .50 | .10 |
| 1965 Japonica. Lavender | .50 | .15 |



Schizanthus-Wisetonensis

SCHIZANTHUS (Butterfly Flower)

One of our finest hardy annuals, bearing a profusion of pretty butterfly like flowers of various colors, closely resembling some species of Orchids; also desirable for winter blooming in pots.

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|
| 1968 Grahami Niveus. A new variety with finely cut foliage, with a profusion of snowy white flowers; 2 feet | Large pkt. | Pkt. |
| | \$0.50 | \$0.15 |
| 1970 Hybridus Grandiflorus. Free flowering, plants covered with flowers of many shades, of orchid-like appearance; 12 inches | .40 | .15 |
| 1971 Wisetonensis. A showy variety, largely used as a pot plant for the house or conservatory; bears a profusion of flowers ranging from white with yellow centre to pink with brown centre. | .65 | .20 |
| 1972 Mixed. Various colors | .15 | .05 |



Perennial Sunflower

SUNFLOWER, PERENNIAL (Helianthus)

Large Pkt. Pkt.

Showy garden flowers blooming the whole summer.
 2078 **Golden Bouquet.** Single yellow flowers, 5 ft. \$0.25 \$0.10
 2085 **Red Perennial.** Single purple red flowers, 6 ft. .50 .25



Stock—Beauty of Nice

MICHELL'S "DISTINCTIVE" STOCKS

The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

| | 1/8Oz. | Large Pkt. | Pkt. |
|--------------------------------|--------|------------|--------|
| 2053 White | \$1.00 | \$0.40 | \$0.15 |
| 2051 Flesh Color | 1.00 | .40 | .15 |
| 2052 Rose | 1.00 | .40 | .15 |
| 2050 Light Blue | 1.00 | .40 | .15 |
| 2049 Dark Blue | 1.00 | .40 | .15 |
| 2048 Blood Red | 1.00 | .40 | .15 |
| 2054 Mixed Colors | 1.00 | .40 | .15 |

MICHELL'S STOCKS—Continued

MICHELL'S COLUMN STOCK

Stout plants produce just one giant spike, lined with mammoth flowers; height, 3 feet

| | 1/8Oz. | Large Pkt. | Pkt. |
|------------------------------|--------|------------|--------|
| 2027 Blood Red | \$1.00 | \$0.40 | \$0.15 |
| 2028 Pure White | 1.00 | .40 | .15 |

MICHELL'S NICE STOCK

An early flowering strain, producing an abundance of flowers on a single plant; fine for bedding or cutting.

| | Large Pkt. | Pkt. |
|---------------------------------------------------------|------------|--------|
| 2035 Beauty of Nice. Delicate soft pink | \$0.40 | \$0.15 |
| 2036 Crimson King. Brilliant fiery crimson | .40 | .20 |
| 2038 Queen Alexandra. Delicate lavender | .40 | .15 |
| 2034 Victoria. Pure white | .40 | .15 |

LARGE-FLOWERED DWARF TEN-WEEK STOCK

| | 1/8Oz. | Large Pkt. | Pkt. |
|----------------------------------------------------|--------|------------|--------|
| 2010 Blood Red | \$0.50 | \$0.30 | \$0.10 |
| 2012 Light Blue | .50 | .30 | .10 |
| 2014 Pink | .50 | .30 | .10 |
| 2016 Purple | .50 | .30 | .10 |
| 2018 White | .50 | .30 | .10 |
| 2020 Yellow | .50 | .30 | .10 |
| 2022 Choice Mixed | .50 | .30 | .10 |
| 2023 Imported Collection. 8 varieties | | | .50 |

VARIOUS STOCKS

| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|
| 2025 Wall Flowered Leaved. Glossy deep green foliage with flowers in all shades | \$0.30 | \$0.10 |
| 2037 Brompton or Winter. Fine for forcing under glass or early summer flowering outdoor.... | .40 | .10 |
| 2039 Excelsior. Colossal spikes with giant flowers of purest white; only one spike to a plant. Per original packet | | 1.00 |
| 2043 Princess Alice (Cut-and-Come-Again). Branching plant with double pure white flowers; fine for cutting; 1/8 oz., 50c. | .40 | .10 |
| 2029 Abundance. Of dwarf, spreading habit, bearing a great profusion of flowers; the mass of bloom often measuring one and a half feet across; color a beautiful shade of carmine rose | .40 | .25 |
| 2031 Bismarck. Of pyramidal form with a profusion of fragrant, pure white flowers | .40 | .15 |



Stokesia, Cyanea

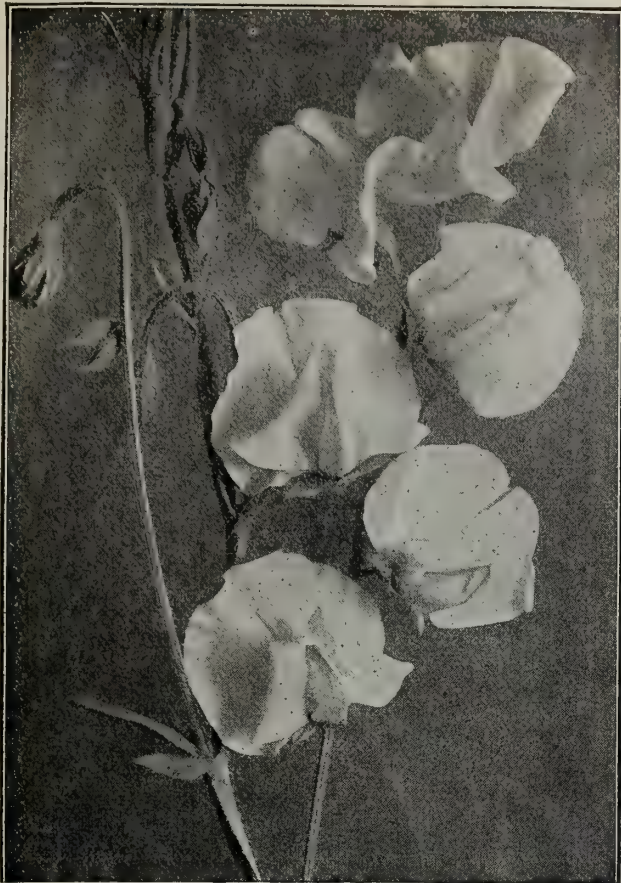
STOKESIA (Cornflower or Stokes' Aster)

Dwarf tufts with stout flower stalks, 15 inches high, with large Aster-like flowers; perennial; July to October.

| | Large Pkt. | Pkt. |
|--------------------------------------|------------|--------|
| 2055 Cyanea. Light blue | \$0.25 | \$0.10 |
| 2057 " Alba. Pure white | .65 | .15 |

SWEET ROCKET (Hesperis)

| | | |
|------------------------------------------------------------------------------------|-----|-----|
| 2300 Mixed. Fragrant white and purple flowers; perennial; 2 to 3 feet | .15 | .05 |
|------------------------------------------------------------------------------------|-----|-----|



Winter Flowering Sweet Peas

Christmas or Winter Flowering SWEET PEAS

Especially Adapted for Forcing

| | Pkt. | Oz. | ¼ lb. |
|-----------------------------------------------------------------------------------------------------------|--------|--------|--------|
| 2245 Michell's Snowdrift. Pure white; black seeded; extra early; large flowers on long stems | \$0.10 | \$0.40 | \$1.25 |
| 2125 Christmas Captain (Michell's). Blue and purple | .10 | .20 | .60 |
| 2125A " " (Zvolanek's) | .15 | .35 | 1.00 |
| 2127 " Pink (Michell's). Pink and white | .10 | .20 | .60 |
| 2127A " " (Zvolanek's) | .15 | .35 | 1.00 |
| 2129 " White (Michell's) | .10 | .20 | .60 |
| 2129A " " (Zvolanek's) | .15 | .35 | 1.00 |
| 2126 " Meteor (Michell's). Scarlet | .10 | .20 | .60 |
| 2126A " " (Zvolanek's) | .15 | .35 | 1.00 |
| 2174 Le Marquis (Michell's). Dark blue | .10 | .20 | .60 |
| 2174A " " (Zvolanek's) | .15 | .35 | 1.00 |
| 2203 Mrs. Alex. Wallace (Michell's). Lavender | .10 | .20 | .60 |
| 2203A " " (Zvolanek's) | .15 | .35 | 1.00 |
| 2206 Mrs. Chas. H. Totty (Michell's). Lavender | .10 | .20 | .60 |
| 2206A " " (Zvolanek's) | .15 | .35 | 1.00 |
| 2207 Mrs. Edie Wild (Zvolanek's). Carmine red | .15 | .35 | 1.00 |
| 2209 Mrs. F. J. Delansky (Michell's). Day-break pink | .10 | .20 | .60 |
| 2209A " " (Zvolanek's) | .15 | .35 | 1.00 |
| 2210 Mrs. Geo. Lewis (Michell's). Pure white | .10 | .20 | .60 |
| 2210A " " (Zvolanek's) | .15 | .35 | 1.00 |
| 2213 Mrs. William Sim (Michell's). Salmon pink | .10 | .20 | .60 |
| 2213A " " (Zvolanek's) | .15 | .35 | 1.00 |
| 2211 Mrs. W. W. Smalley (Michell's). Satin pink | .10 | .20 | .60 |
| 2211A " " (Zvolanek's) | .15 | .35 | 1.00 |
| 2257 Watchung (Michell's). Pure white | .10 | .20 | .60 |
| 2257A " (Zvolanek's) | .15 | .35 | 1.00 |
| 2264 Christmas Flowering Mixed | .15 | .35 | 1.00 |

SWEET PEAS—General List

For early blooming outdoors in spring we recommend sowing seed during the month of November; these will bloom much earlier the following year than spring-sown seed.

SPENCER, VARIETIES

| | Pkt. | Oz. | ¼ lb. | Lb. |
|---------------------------------------------------------------|--------|--------|--------|--------|
| 2099 Apple Blossom Spencer. Deep pink | \$0.10 | \$0.30 | \$1.00 | \$3.00 |
| 2100 Asta Ohn Spencer. Rich lavender | .15 | .30 | 1.00 | 3.50 |
| 2103 Aurora Spencer. White, flaked salmon | .15 | .40 | 1.40 | 4.00 |
| 2104 Beatrice Spencer. Soft pink on white ground | .15 | .30 | 1.00 | 3.50 |
| 2135 Countess Spencer. Pink | .10 | .20 | .50 | 1.50 |
| 2149 E. J. Castle. Carmine rose | .10 | .20 | .50 | 1.50 |
| 2155 Flora Norton Spencer. Lavender | .15 | .30 | 1.00 | 3.50 |
| 2153 Frank Dolby. Mauve lavender | .10 | .20 | .60 | 2.00 |
| 2152 Gladys Unwin. Delicate pink | .05 | .15 | .40 | 1.25 |
| 2157 Helen Lewis. Orange pink | .10 | .15 | .40 | 1.25 |
| 2159 Helen Pierce. White, mottled blue | .10 | .15 | .40 | 1.25 |
| 2169 King Edward Spencer. Crimson | .10 | .30 | 1.00 | 3.50 |
| 2205 Mrs. Alfred Watkins. Pale pink | .10 | .15 | .40 | 1.25 |
| 2199 Mrs. Routzahn Spencer. Buff pink | .15 | .30 | 1.00 | 3.50 |
| 2216 Nora Unwin. Large pure white | .10 | .20 | .50 | 1.00 |
| 2219 Othello Spencer. Deep maroon | .15 | .40 | 1.40 | 4.00 |
| 2255 White Spencer. Clear white | .10 | .20 | .50 | 1.25 |

STANDARD VARIETIES (In Separate Colors)

WHITE

| | Oz. | ¼ lb. | Lb. |
|-------------------------------------------------------|--------|--------|--------|
| 2106 Blanche Burpee. Large, pure white | \$0.10 | \$0.25 | \$0.75 |
| 2136 Dorothy Eckford. Extra large, white | .10 | .25 | .75 |
| 2150 Emily Henderson. Pure white | .10 | .25 | .75 |
| 2202 Mont Blanc. Early; pure white | .10 | .25 | .75 |

PRIMROSE AND YELLOW

| | | | |
|--------------------------------------------------------|-----|-----|-----|
| 2162 Hon. Mrs. E. Kenyon. Primrose yellow | .10 | .25 | .75 |
|--------------------------------------------------------|-----|-----|-----|

ROSE AND PINK

| | | | |
|------------------------------------------------------------|-----|-----|-----|
| 2110 Blanche Ferry. Pink and white | .10 | .25 | .75 |
| 2114 Blanche Ferry. (Extra Early) | .10 | .25 | .75 |
| 2146 Earliest of All. Pink and white | .10 | .25 | .75 |
| 2166 Katherine Tracy. Soft but brilliant pink | .10 | .25 | .75 |
| 2186 Lovely. Soft shell pink | .10 | .25 | .75 |
| 2222 Prima Donna. Lovely soft pink | .10 | .25 | .75 |
| 2226 Prince of Wales. Rose crimson | .10 | .25 | .75 |

ORANGE AND SALMON

| | | | |
|----------------------------------------------------|-----|-----|-----|
| 2194 Miss. Willmott. Deep orange pink | .10 | .25 | .75 |
|----------------------------------------------------|-----|-----|-----|

LAVENDER AND BLUE

| | | | |
|-------------------------------------------------------|-----|-----|-----|
| 2134 Countess of Radnor. Pale lavender | .10 | .25 | .75 |
| 2170 Lady Grisel Hamilton. Pale lavender | .10 | .25 | .75 |
| 2208 Mrs. Geo. Higginson, Jr. Lavender | .10 | .25 | .75 |
| 2151 Flora Norton. Delicate lavender | .10 | .25 | .75 |

CRIMSON AND SCARLET

| | | | |
|----------------------------------------------------|-----|-----|-----|
| 2168 King Edward VII. Crimson scarlet | .10 | .25 | .75 |
| 2228 Queen Alexandra. Large scarlet | .15 | .30 | .75 |
| 2242 Salopian. Scarlet | .10 | .25 | .75 |

BLUE AND PURPLE

| | | | |
|-------------------------------------------------------------------------------|-----|-----|-----|
| 2122 Captain of the Blues. Standard light purple, wings lavender | .10 | .25 | .75 |
| 2142 Duke of Westminster. Standard clear purple, wings violet | .10 | .25 | .75 |
| 2214 Navy Blue. Deep violet blue | .10 | .25 | .75 |

MAROON

| | | | |
|---------------------------------------------|-----|-----|-----|
| 2105 Black Knight. Deep maroon | .10 | .25 | .75 |
| 2218 Othello. Very dark maroon | .10 | .25 | .75 |

STRIPED AND MOTTLED

| | | | |
|-------------------------------------------------------|-----|-----|-----|
| 2095 America. Blood red striped on white | .10 | .25 | .75 |
|-------------------------------------------------------|-----|-----|-----|

Price, any of the above Varieties 5c. per packet

SWEET PEAS IN MIXTURE

| |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2262 Spencer Varieties Mixed. A superb mixture. 10c. per pkt.; oz., 20c.; 60c. per ¼ lb.; per lb., \$2.00. |
| 2258 Michell's Magnificent Mixed. Composed of large flowering, long-stemmed varieties, a large percentage of which are of the lighter colors and shades. 5c. per pkt.; oz., 15c.; 30c. per ¼ lb.; per lb., 90c. |
| 2260 Michell's Gilt Edge Mixture. Large flowering varieties in a wide range of colors. 5c. per pkt.; oz., 10c.; 20c. per ¼ lb.; per lb., 60c. |



Single Sweet William

SWEET WILLIAM (Dianthus Barbatus)

Produces fine effects in beds and shrubbery.

| | Oz. | Large Pkt. | Pkt. |
|------------------------------------------------------------------------------------------------------|--------|------------|------|
| 2306 Single Crimson | \$0.40 | .15 | .05 |
| 2307 " Red with white eye | .40 | .15 | .05 |
| 2308 " Velvety Maroon | .40 | .15 | .05 |
| 2309 " Violet with white eye | .40 | .15 | .05 |
| 2311 " White | .40 | .15 | .05 |
| 2313 Pink Beauty . Fine salmon pink | | .40 | .15 |
| 2310 Auricula Flowered . A beautiful class of "eyed" single varieties, all colors mixed | .50 | .15 | .05 |
| 2312 Single Mixed . All colors | .30 | .15 | .05 |
| 2314 Double Mixed | 1.00 | .20 | .10 |

TRITOMA (Red Hot Poker Plant)

| | | |
|------------------------------------------------------------------------------------------------------|-----|-----|
| 2345 Uvaria Grandiflora . Large spikes of orange-scarlet flowers; perennial; 3 to 4 feet..... | .30 | .10 |
|------------------------------------------------------------------------------------------------------|-----|-----|

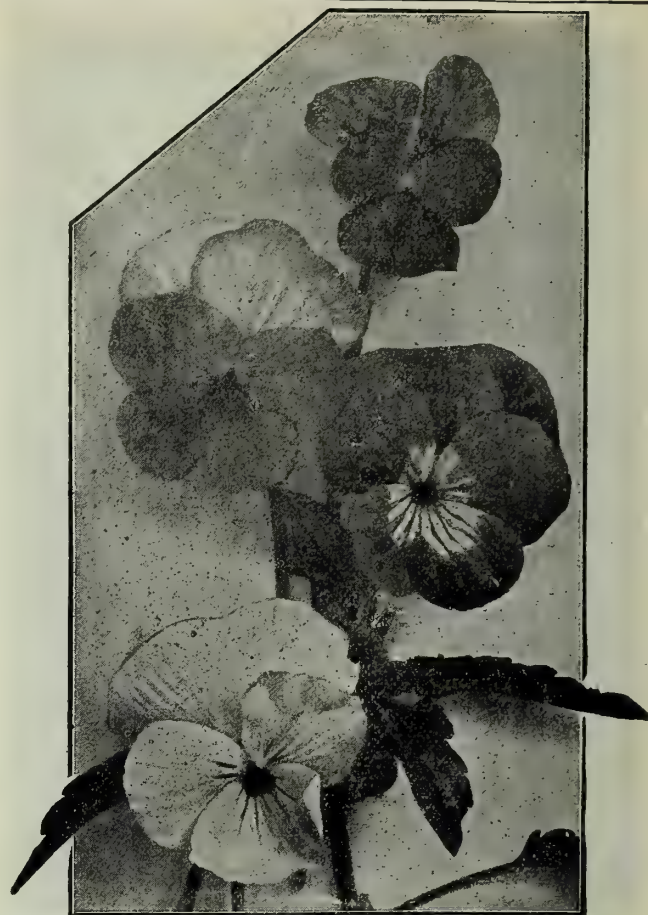
VALERIANA (Garden Heliotrope)

| | | |
|-----------------------------------------------------------------------------------------------|-----|-----|
| 2350 Hardy plants for borders; large fragrant flowers; red and white mixed, 2 to 3 feet | .15 | .05 |
|-----------------------------------------------------------------------------------------------|-----|-----|

VERONICA (Speedwell)

Any blue flower is welcome in a garden and especially so when the plant has other good features, such as easy culture, free-flowering habit; of value as a cut flower or garden effect. No hardy garden can afford to miss this. A showy hardy perennial border plant, of easy culture and free flowering; valuable for cutting.

| | Large Pkt. | Pkt. |
|---------------------------------------------------------------------------|------------|--------|
| 2373 Spicata . Long spikes of bright blue flowers; 18 inches | \$0.30 | \$0.10 |
| 2374 Virginica . Long spikes of white flowers; 3 to 5 feet | .30 | .10 |



Viola Cornuta

VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form, and appear uninterruptedly from early spring till snow flies; they require a semi-shady, moist situation.

| | Large Pkt. | Pkt. |
|---------------------------------------------------------|------------|--------|
| 2385 Admiration . Dark blue | \$0.30 | \$0.10 |
| 2386 Lutea Splendens . Rich, golden yellow | .25 | .10 |
| 2387 Perfection . Light blue | .30 | .10 |
| 2388 White Perfection . Pure white | .30 | .10 |

VIOLET—Sweet Scented (Viola Odorata)

Well-known, fragrant spring-blooming plants.

| | Large Pkt. | Pkt. |
|---------------------------------------------------|------------|--------|
| 2390 Single Blue Czar . Dark blue | \$0.40 | \$0.10 |
| 2392 Single White Czar . Large white | .40 | .10 |
| 2394 Single Mixed . Blue and white | .40 | .10 |

WALLFLOWER

While they are truly perennial, they are not perfectly hardy and require the following treatment: Late in fall lift the plants and plant in a cold frame where they should remain till early spring, when they can be removed to the garden again.

| | Large Pkt. | Pkt. |
|--------------------------------------------------------------------|------------|--------|
| 2400 Double Brown | \$0.50 | \$0.10 |
| 2402 Double Yellow | .50 | .10 |
| 2404 Double Mixed . All colors | .40 | .10 |
| 2406 Paris Extra Early . A single variety..oz. \$0.50 | .15 | .10 |
| 2408 Single Mixed . All colors | .30 | .15 |
| 2410 Imported Collection . 8 double varieties | .50 | |

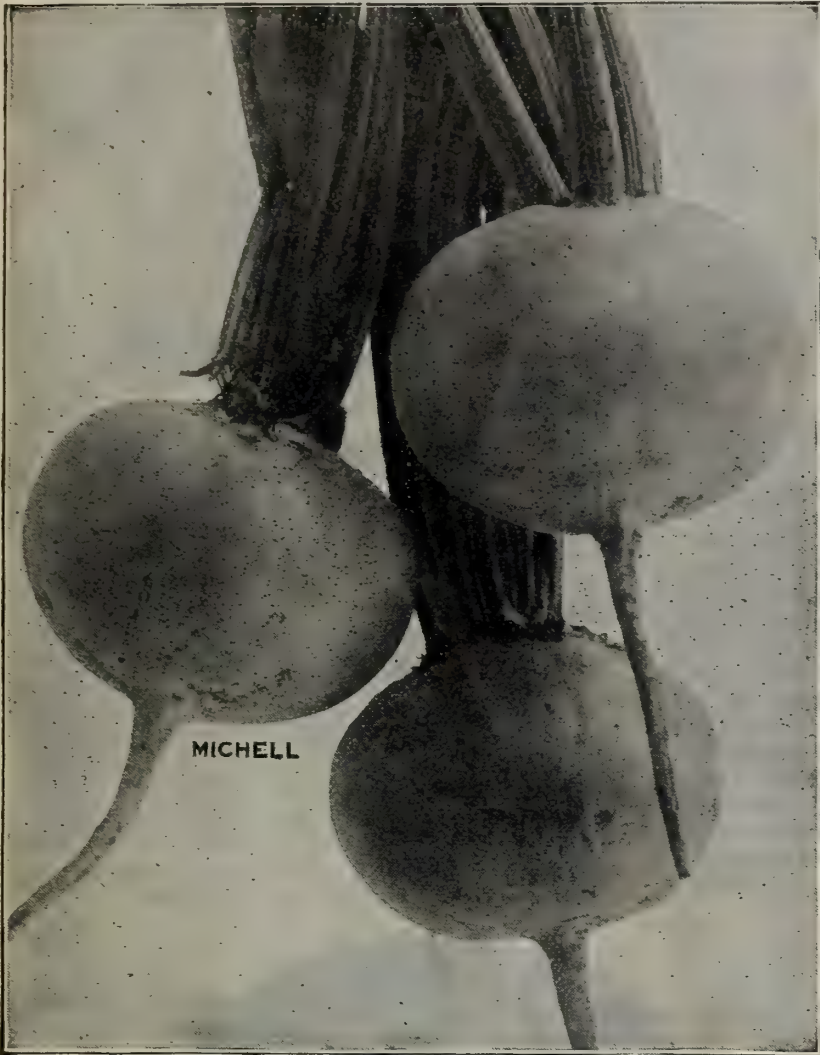
MICHELL'S SPECIAL COLLECTION HARDY PERENNIAL FLOWER SEEDS

One Packet Each of 17 Leading Varieties as Enumerated below for \$1.25

- Aquilegia (Columbine)**. Single Mixed.
- Calliopsis (Coreopsis)**. Lanceolata Grandiflora.
- Campanula (Canterbury Bell)**. Pyramidalis. Mixed.
- Delphinium (Larkspur)**. Formosum. Blue.
- Dianthus (Pink)**. Clove Scented. Mixed.
- Digitalis (Foxglove)**. Gloxiniaeflora. Mixed.
- Gaillardia (Blanket Flower)**. Grandiflora Superba. Mixed.
- Gypsophila (Baby's Breath)**. Paniculata. White.
- Heuchera (Alum Root)**. Sanguinea. Crimson.
- Hollyhock**. Chater's Double Mixed.
- Lobelia Cardinalis (Cardinal Flower)**. Scarlet.
- Phlox (Decussata)**. Hardy, Mixed.
- Poppy (Orientale)**. Scarlet.
- Pyrethrum (Hybridum)**. Single mixed.
- Scabiosa (Caucasica)**. Lilac.
- Stokesia (Cornflower Aster)**. Cyanea. Blue.
- Sweet William**. Double, Mixed.

SEASONABLE VEGETABLE SEEDS

For a complete list see our General Seed Catalog, mailed on request



Crosby's Egyptian Beet

BEET—Table Varieties

| | Pkt. | Oz. | ¼ Lb. | Lb. |
|-----------------------------------|-------|-------|--------|--------|
| Arlington Favorite Blood (Turnip) | \$.05 | \$.10 | \$0.30 | \$0.85 |
| Bassano Extra Early (Turnip) | .05 | .10 | .25 | .75 |
| Bastian's Early Turnip | .05 | .10 | .25 | .80 |
| Crosby's Egyptian (Turnip) | .05 | .10 | .30 | 1.10 |
| Detroit Dark Red (Turnip) | .05 | .10 | .25 | .85 |
| Eclipse Extra Early (Round) | .05 | .10 | .30 | .85 |
| Edmand's Blood (Turnip) | .05 | .10 | .25 | .75 |
| Lentz Turnip | .05 | .10 | .25 | .80 |

Also all other Varieties



Forcing Beans, Triumph of the Frames

FORCING BEANS

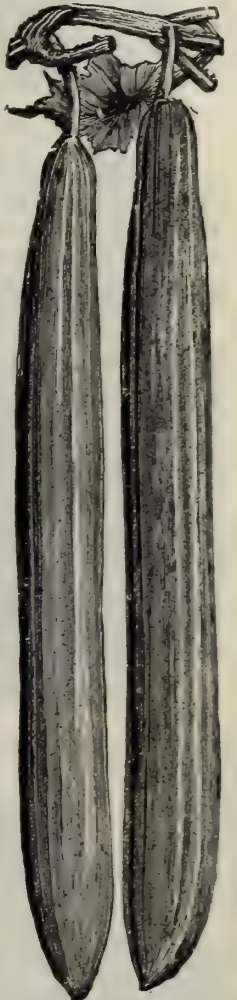
These are a very prolific crop in a greenhouse during winter months. They are easily succeeded with requiring little care except warmth, etc.

| | Pkt. | Pt. | Qt. | 4 Qts. |
|------------------------------------------------------|-------|--------|--------|--------|
| Emperor William (Green Flat Pod) | \$.10 | \$0.35 | \$0.60 | \$2.15 |
| Sion House (Green Round Pod) | .10 | .35 | .60 | 2.15 |
| Triumph of the Frames (Very slender Green Round Pod) | .10 | .25 | .45 | 1.60 |

FORCING CUCUMBERS

| English Sorts | Pkt. of 12 seeds | Per 100 seeds |
|---------------------|------------------|---------------|
| Covent Garden | \$.25 | \$2.00 |
| Lockie's Perfection | .25 | 2.00 |
| Marquis of Lorne | .25 | 2.00 |
| Rochford's Market | .25 | 2.00 |
| Sion House | .25 | 2.00 |
| Telegraph | .25 | 2.00 |
| Tender and True | .25 | 2.00 |

Also all other Varieties



Sion House Cucumber

CAULIFLOWER

Varieties especially suited to sow under glass.

| | Pkt. | ¼ Oz. | Oz. |
|---------------------------|-------|--------|--------|
| Early Snowball | \$.20 | \$0.85 | \$2.75 |
| Earliest Snow Storm | .25 | 1.50 | 5.00 |
| Michell's Selected Erfurt | .20 | .85 | 2.75 |

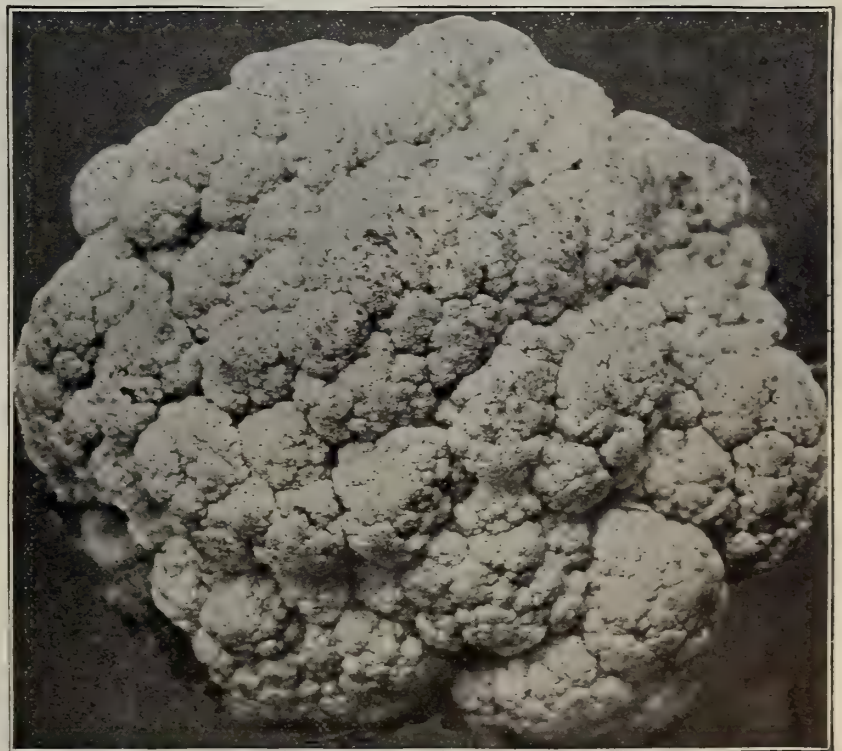
TESTIMONIAL ON MICHELL'S CAULIFLOWER

Carlisle, Pa.
I am pleased to say that the seed of Cauliflower procured of you produced extra fine heads. It gave the best of satisfaction to my critical trade in New York.

J. ROBBINS.

FORCING CARROTS

| | Pkt. | Oz. | ¼ Lb. | Lb. |
|----------------------------|-------|--------|--------|--------|
| Early Scarlet Horn, ½ long | \$.05 | \$0.10 | \$0.30 | \$0.90 |
| Early Short Horn, round | .05 | .10 | .30 | 1.00 |
| Rubicon, ½ long | .05 | .10 | .30 | 1.00 |



Michell's Selected Snowball Cauliflower



CORN SALAD

This is usually sown early in September and allowed to stand outside all winter. Before severe weather settles, cover the salad with a light litter of leaves, hay or straw. On mild days it can be cut just like spinach, lasting well into the spring.

| | | | | |
|----------------------------------|-------|-------|-------|-------|
| | Pkt. | Oz. | ¼ lb | Lb. |
| Large Leaved Round Seeded | \$.05 | \$.10 | \$.20 | \$.60 |



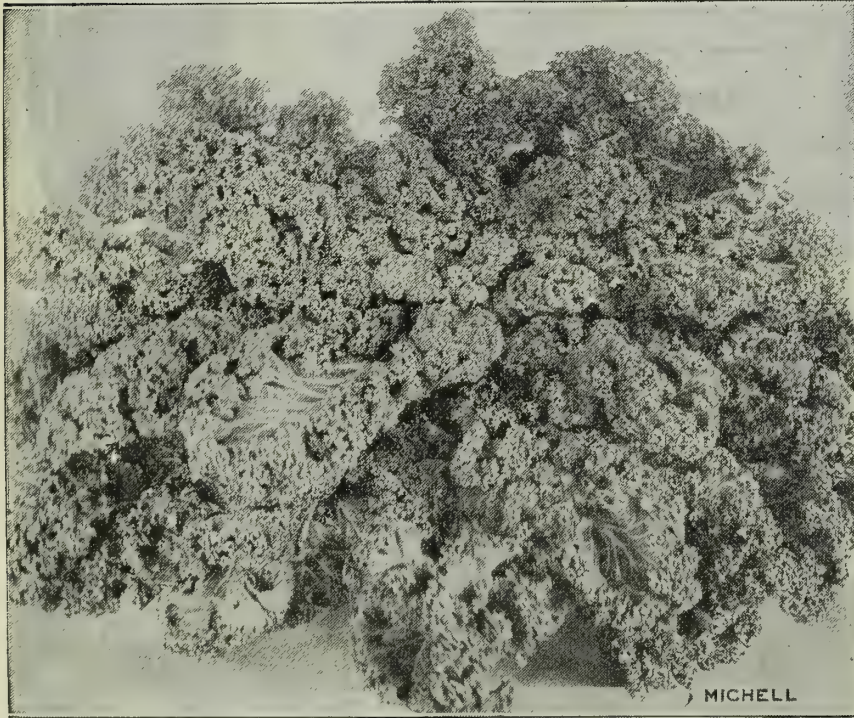
Water Cress

CRESS

Garden and Water Cress make an excellent winter crop under glass, and will always be welcomed on the table.

Erfurt Water Cress, pkt., 10c; 20c. per ½ oz.; oz., 30c.; \$1.00 per ¼ lb.

Extra Curled Garden Cress or Pepper Grass, pkt., 5c.; 10c. per oz.; ¼ lb., 20c.; 50c. per lb.



Dwarf Green Scotch Kale

KALE

This can be sown early in September, broadcast or in drills. When severe cold weather is at hand it should be protected with a covering of straw, salt hay or other litter. On mild days it can be gathered readily, making an excellent winter greens, which will last well into spring.

| | | | | |
|-----------------------------------|-------|-------|-------|-------|
| | Pkt. | Oz. | ¼ lb. | Lb. |
| Dwarf Green Curled German | \$.05 | \$.10 | \$.25 | \$.80 |
| Dwarf Green Scotch (New) | .05 | .10 | .30 | .80 |
| New Imperial Long Standing | .05 | .10 | .30 | .90 |
| Tall Purple Scotch | .05 | .10 | .25 | .75 |



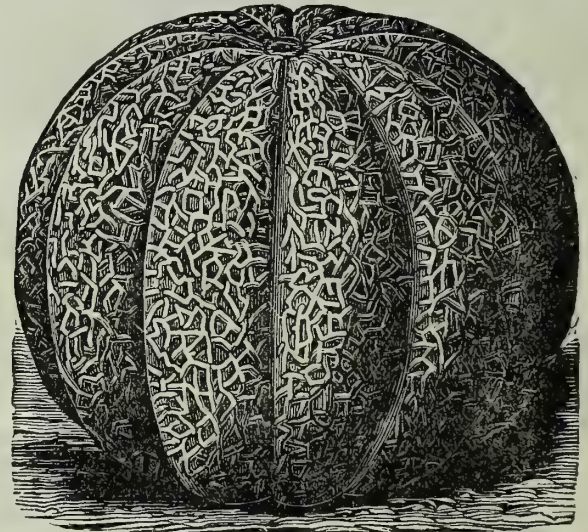
Boston Market Lettuce

LETTUCE

Varieties especially suited for forcing and sowing under glass.

| | | | | | |
|-------------------------------------|-------|-------|-------|-------|--------|
| | Pkt. | ½ oz. | Oz. | ¼ lb. | Lb. |
| All Heart | \$.10 | \$.15 | \$.25 | \$.75 | \$2.25 |
| Big Boston (Selected Stock) | .05 | .10 | .20 | .60 | 2.00 |
| Boston Market (White Seeded) | .05 | .10 | .20 | .50 | 1.50 |
| Dutch Butter, Private Stock | .05 | .15 | .30 | 1.00 | 2.50 |
| Emperor Forcing | .05 | .10 | .20 | .50 | 1.60 |
| Golden Queen | .05 | .10 | .20 | .50 | 1.50 |
| Grand Rapids Forcing | .05 | .10 | .20 | .50 | 1.50 |
| Michell's "Number One" | .10 | .15 | .30 | 1.00 | 3.00 |
| Sensation | .05 | .10 | .20 | .50 | 1.75 |
| Silver Ball | .05 | .10 | .20 | .50 | 1.50 |
| Tennis Ball (Black Seeded) | .05 | .10 | .20 | .50 | 1.50 |
| Unrivalled | .05 | .10 | .20 | .60 | 2.00 |
| Wonderful | .05 | .10 | .20 | .50 | 1.75 |

For other Varieties see our General Seed Book



FORCING MELONS OR CANTALOUPE

They require a very warm well-shaded house, thriving best in good rich soil. If you have a spare corner try a few plants. A single plant produces a number of fruits.

| | |
|--------------------------------------------------|------------|
| | Per Packet |
| Blenheim Orange, Invincible Scarlet, Each | \$.25 |
| Sutton's A1, 50c. per pkt. Windsor Castle | .25 |
| Emerald Gem | .10 |
| Rockyford | .10 |

PARSLEY

| | | | | |
|--------------------------------------|-------|-------|-------|-------|
| | Pkt. | Oz. | ¼ lb. | Lb. |
| Champion Moss Curled | \$.05 | \$.10 | \$.25 | \$.85 |
| Double Curled (Covent Garden) | .05 | .10 | .35 | 1.00 |
| Dwarf Perfection | .10 | .25 | .75 | 2.75 |
| Extra Curled Perpetual | .05 | .10 | .25 | .85 |
| Fern Leaved | .05 | .10 | .30 | .90 |
| Hamburg or Rooted | .05 | .10 | .25 | .85 |
| Plain Curled | .05 | .10 | .25 | .75 |
| Summer Green | .05 | .10 | .25 | .85 |



Michell's (Improved Strain) Cardinal Globe Radish

RADISH

| | Pkt. | Oz. | ¼ Lb. | Lb. |
|-------------------------------------|-------|-------|-------|-------|
| Beckert's Chartier (Long Scarlet) | \$.05 | \$.10 | \$.30 | \$.75 |
| Black (½ Long Winter) | .05 | .10 | .30 | 1.00 |
| Black Spanish (Long Winter) | .05 | .10 | .25 | .75 |
| Black Spanish (Round Winter) | .05 | .10 | .25 | .75 |
| Brightest Scarlet (½ Long) | .05 | .10 | .20 | .60 |
| California White Winter | .05 | .10 | .25 | .75 |
| Cardinal Globe | .05 | .10 | .30 | 1.00 |
| Cardinal Globe (Improved Strain) | .05 | .15 | .40 | 1.25 |
| Celestial or White Chinese (Winter) | .05 | .10 | .30 | 1.00 |
| Crimson Giant (New) | .05 | .10 | .30 | 1.00 |
| Fireball | .05 | .10 | .30 | .85 |
| French Breakfast | .05 | .10 | .30 | .85 |
| Golden Olive Shaped (Yellow) | .05 | .10 | .20 | .65 |
| Icicle (Long, Pure White) | .05 | .10 | .30 | .85 |
| Icicle (Improved Strain) | .05 | .15 | .40 | 1.25 |
| Large White Summer (Turnip-Shaped) | .05 | .10 | .20 | .60 |
| Long Scarlet Short Top | .05 | .10 | .25 | .80 |
| Long White Lady Finger | .05 | .10 | .25 | .75 |
| Round Red Forcing or Button | .05 | .10 | .30 | .85 |
| Round Scarlet China (Winter) | .05 | .10 | .25 | .70 |
| Round White Forcing or Button | .05 | .10 | .30 | .85 |
| Scarlet China Winter (½ Long) | .05 | .10 | .25 | .75 |
| White Box (Felton's Private Stock) | .05 | .15 | .30 | 1.00 |
| White Box (Myer's Stock) | .05 | .10 | .25 | .75 |
| White Strasburg (½ Long) | .05 | .10 | .20 | .70 |

**"WIZARD BRAND"
SHREDDED COW MANURE**

We have a large stock of this on hand constantly. It will be found far superior to ordinary fresh cow manure; for potting, mulching or other purposes. 100 lb. bags only \$2.00 per bag; 5.0 lbs., \$9.00; \$16.00 per 1000 lbs. Ton, \$30.00.



Private Strain Improved Purple Top White Globe Turnip

TURNIP AND RUTA BAGA

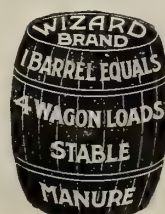
| | Pkt. | Oz. | ¼ Lb. | ½ Lb. | Lb. |
|---------------------------------|-------|-------|-------|-------|-------|
| Cow Horn | \$.05 | \$.10 | \$.20 | \$.30 | \$.60 |
| Early Purple Top, Flat | .05 | .10 | .20 | .30 | .50 |
| Early White Egg | .05 | .10 | .20 | .30 | .50 |
| Early Purple Top Munich | .05 | .10 | .20 | .35 | .60 |
| White Globe (Private Stock) | .05 | .15 | .35 | .50 | 1.00 |
| Purple Top White Globe | .05 | .10 | .20 | .35 | .60 |
| Robertson's Golden Ball | .05 | .10 | .20 | .30 | .50 |
| Ruta Baga, Yellow Purple Top | .05 | .10 | .20 | .30 | .50 |
| Ruta Baga, Private Stock, Globe | .05 | .15 | .30 | .50 | 1.00 |
| Snow Ball, Extra Early, White | .05 | .10 | .20 | .35 | .60 |
| White Flat Dutch, Strap Leaved | .05 | .10 | .20 | .30 | .50 |
| White Milan, Extra Early | .05 | .10 | .25 | .45 | .80 |
| Yellow Aberdeen, Flat | .05 | .10 | .20 | .35 | .60 |
| Yellow Globe or Amber | .05 | .10 | .20 | .35 | .60 |



**"WIZARD BRAND" SHEEP
MANURE**

MAKES POOR SOIL RICH

One of the most economical as well as easily handled fertilizers it is possible to get.



Can be used in gardens, on the lawn, in greenhouses or on the window flower garden in any quantity, as it will not burn. 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; 2000 lbs. (1 ton) \$30.00 Barrels weighing about 200 lbs., \$4.50.



Spinach. *Bloomsdale Savoy* (Improved Strain)

SPINACH

| | Pkt. | Oz. | ¼ lb. | Lb. | 5 lbs. |
|-----------------------------------------------------|--------|--------|--------|--------|--------|
| Bloomsdale Savoy | | \$0.05 | \$0.15 | \$0.40 | \$1.75 |
| Bloomsdale Savoy (Improved Strain) | \$0.05 | .10 | .20 | .50 | 2.00 |
| Long Season (New) | .05 | .10 | .20 | .50 | 2.25 |
| New Zealand | .05 | .10 | .30 | 1.00 | |
| Victoria (Long Standing) | .05 | .15 | .40 | 1.75 | |

FORCING RHUBARB (*Ready in October*)

Rhubarb is as readily obtainable in winter as well as spring. The clumps which should be at least four years' old should be planted in good garden soil in a cool cellar, preferably as dark as possible. Where practicable, a barrel or a peach basket, either without a bottom, should be placed over each root to draw the top up. Does extra well under greenhouse benches. Place the roots as close as possible. When spring approaches and rhubarb is obtainable out doors the clumps may be planted out for use another season. The roots should always be subjected to a slight frost before planting indoors. We offer large clumps of the *Victoria* variety, 20c. each (not available); \$2.00 per doz.; 25 for \$3.75; \$13.50 per 100.

One Year Old Rhubarb for out-door planting, 10c. each; doz., \$1.00; \$6.00 per 100.



Forcing Tomato-Comet

TOMATOES (*Adapted for Forcing*)

| | Pkt. | ½ oz. | Oz. |
|------------------------------------------------------------------|--------|-------|------|
| Best of All (<i>Sutton's</i>) in original Pkts. | \$0.50 | | |
| Crackerjack (<i>Michell's</i>) | .20 | .60 | 1.00 |
| Comet | .15 | .50 | .80 |
| Eclipse (<i>Sutton's</i>) in original Pkts. | .50 | | |
| Lorillard | .10 | .15 | .30 |
| Mayflower | .10 | .15 | .25 |
| Stone (Private Stock) | .10 | .20 | .40 |



ASPARAGUS ROOTS (*For Forcing*)
(*Ready in October*)

Asparagus can be forced readily in boxes under greenhouse benches, or in almost any out of the way place where there is bottom heat. They like plenty of moisture after they have started. Subject them to a slight freezing before planting so they will force more readily. Extra large clumps, **Barr's Mammoth**, each, 15c.: \$1.50 per doz.; per 100, \$11.00.

ASPARAGUS ROOTS (*For Out-Door Planting*)
(*Ready in October*)

| | 2-Year Old | | 3-Year Old | |
|------------------------------------------|------------|----------|------------|----------|
| | Per 100 | Per 1000 | Per 100 | Per 1000 |
| Barr's Mammoth | \$0.75 | \$6.00 | \$1.50 | \$12.50 |
| Columbian Mammoth White | .75 | 6.00 | 1.50 | 12.50 |
| Giant Argenteuil | 1.00 | 8.00 | 1.25 | 12.50 |
| Conover's Colossal | .75 | 6.00 | 1.25 | 12.50 |
| Palmetto or Eclipse | .75 | 6.00 | 1.25 | 12.50 |



BRIEF CULTURAL DIRECTIONS FOR GROWING MUSHROOMS



HIS delicacy is within the reach of any one who has a greenhouse or a cellar. A crop is produced with good spawn, a little care and patience in about 4 to 6 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March. Summer spawned beds do not bear well.

Get a quantity of absolutely fresh horse manure and remove the excessive heat by turning it once a day, for 3 days, or until the temperature has fallen to about 100°. Then form a bed 8 to 10 inches deep and allow it to remain undisturbed until the temperature has fallen to 80°. Now is the time to plant the spawn. Break the bricks in pieces the size of a walnut, and place at regular intervals of 1 to 2 inches below the surface of the bed in distance to plant 8 square feet with one brick, compress the manure after spawning to make the bed solid. Nothing now must be done until the bed has a whitish appearance which shows that the spawn is running, nor must it be watered previously. Now place a layer of fine sifted soil, (which should be procured in advance) to the depth of 1 to 2 inches on the bed. With an occasional sprinkling when dry, the bed should begin to produce in from 4 to 6 weeks from spawning time, conditions being favorable. *New beds must be made at each planting.*

Send for our free booklet "Mushrooms, How to Grow Them Successfully."

ANGLO AMERICAN MUSHROOM SPAWN

This brand introduces a new spawn made after pure culture methods, namely, the bricks are all inoculated with germinated spores of specimen mushrooms. In this manner one is assured of getting mushrooms all of one quality and color.

PRICES.

| | | | |
|------------------------|--------|---------------------|--------|
| 1 Brick | \$0.30 | 10 Bricks | \$2.30 |
| 1 " postpaid | .40 | 25 " | 5.60 |
| 5 " | 1.25 | 50 " | 10.50 |

MICHELL'S SUPERIOR ENGLISH MUSHROOM SPAWN—

15c. per brick (25c. postpaid); per doz., \$1.60; 25 lbs., \$2.50; \$8.00 per 100 lbs.

Books on Growing Mushrooms

- Pamphlet (gratis for a postal card asking for it)
- Robinson's Book (postpaid) \$0.50
- Falconer's Book (postpaid) 1.00



Mushroom or Hot Bed Thermometers

Heavy Iron Point style . \$1.25 | Heavy Brass Point style . . \$1.50
Thermometers should, wherever possible, be sent by express.

NIAGARA "DIRECT" PURE CULTURE SPAWN

This is an entirely new strain originating in the section of New York State that supplies the New York and Western markets with mushrooms. It appears to be especially full of life and we can recommend it as an early and prolific producer; mushrooms are uniform and almost pure white in color.

| | | | |
|-------------------------------------|--------|---------------------|--------|
| Per Brick, about 1 3/4 lbs. | \$0.25 | 10 Bricks | \$2.00 |
| " " (postpaid) | .35 | 25 " | 4.00 |
| 5 Bricks | 1.10 | 50 " | 7.00 |

LAMBERT'S AMERICAN PURE CULTURE SPAWN

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time. This spawn is produced by selecting spores from individual specimen mushrooms and is propagated and transferred to the bricks of manure, which, when planted, produce mushrooms all of one type.

Standard No. 8 Cream White. For use from April to October.
Standard No. 9 Pure White. For use from October to April.

Prices of Pure Culture Spawn. Standard Bricks.

| | | | |
|-------------------------------------|--------|---------------------|--------|
| Per brick, about 1 3/4 lbs. | \$0.25 | 10 bricks | \$2.00 |
| " " postpaid | .35 | 25 " | 4.00 |
| 5 bricks | 1.10 | 50 " | 7.00 |

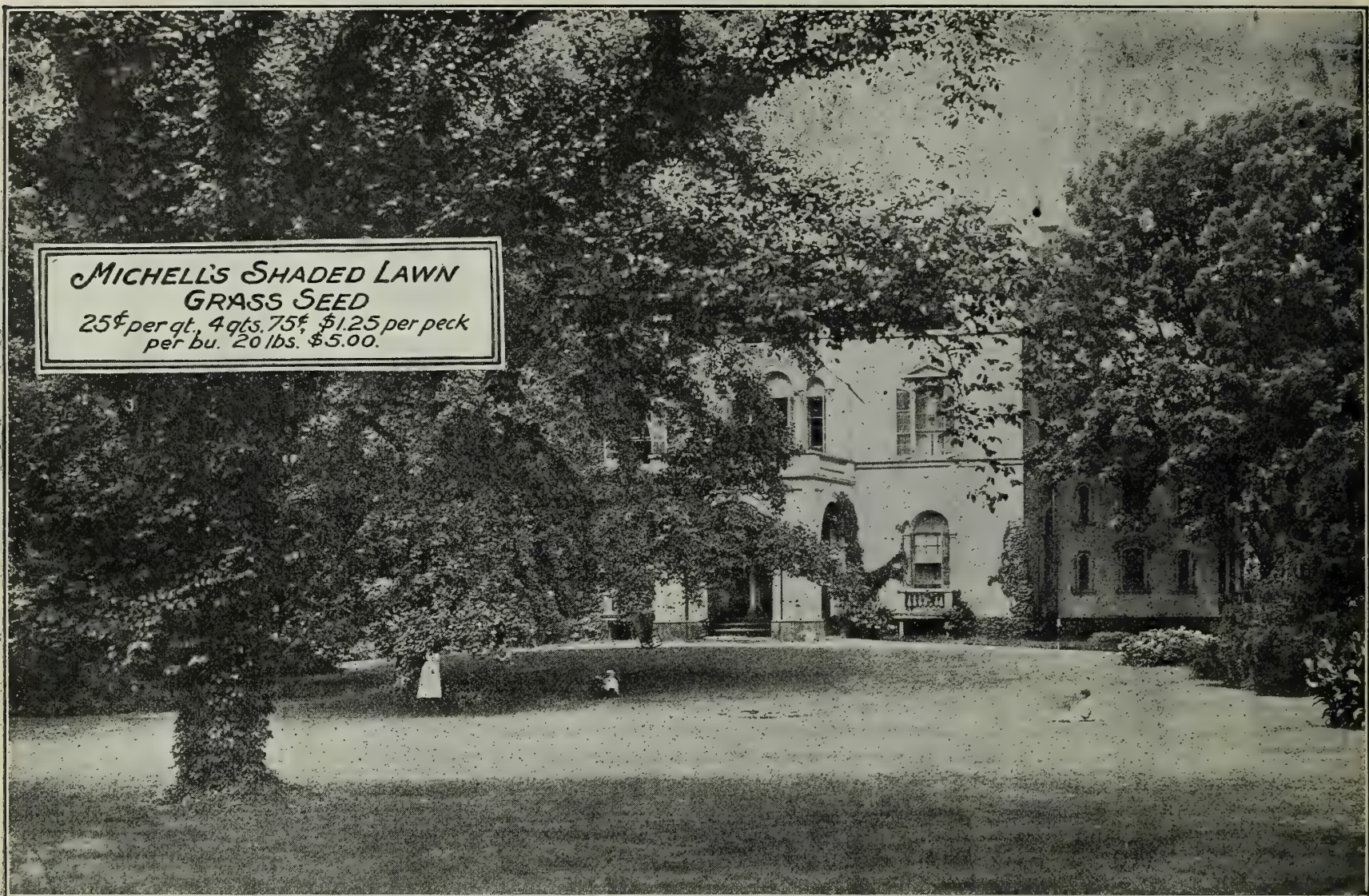
Direct No. 8 Cream White. For use from October to April.
Direct No. 9 Pure White Type. For use from April to October.

Prices of Pure Culture Spawn. Direct Bricks.

This strain is the earliest and produces a greater quantity than the "Standard."

| | | | |
|------------------------|--------|---------------------|--------|
| Per brick | \$0.30 | 10 bricks | \$2.30 |
| " " postpaid | .40 | 25 " | 5.60 |
| 5 bricks | 1.25 | 50 " | 10.50 |

We are Headquarters for Mushroom Spawn



**MICHELL'S SHADED LAWN
GRASS SEED**
25¢ per qt., 4 qts. 75¢, \$1.25 per peck
per bu. 20 lbs. \$5.00.

GRASS SEED HEADQUARTERS

MIXTURES FOR LAWNS AND PLEASURE GROUNDS

Michell's "Green Velvet" Grass Seed. This mixture represents the finest and purest lawn grass mixture offered by anyone. Practically every grain of chaff is eliminated in forming it, and our customers will find it the greatest lawn grass mixture value ever offered, as it will form a thick sward in two weeks during ordinary weather. Peck, \$1.25; \$5.00 per bu. of 20 lbs.; 5 bush. \$23.75; \$45.00 per 10 bush.

Michell's Evergreen Lawn Grass Seed. The BEST LAWN GRASS SEED that exists for general use. Thousands of bushels sold annually; used by all the large estate managers, country clubs and cemetery superintendents. Sow 4 bushels per acre on new lawn, or 2½ bushels in reseeding old lawns. Prices: Per qt. 25c. (postpaid 30c.); 40c. for 2 qts. (postpaid 50c.); 4 qts. 65c.; pk. \$1.00; bu. of 20 lbs., \$4.00; 5 bu., \$18.75; \$36.50 per 10 bu.

Michell's Shaded Lawn Grass Seed. Difficulty is frequently experienced in establishing a lawn where shade and other trees exist. This has been entirely overcome by the introduction of this formula. Those who have used it cannot get along without it for seeding shaded locations. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 75c., \$1.25 per pk., per bush. of 20 lbs. \$5.00, \$22.50 for 5 bush., 10 bush. \$42.50.

Fairmount Park Lawn Seed. A very fine mixture indeed, meeting the requirements of those desiring a moderately-priced grass seed. Sow 4 bushels to the acre on new land or 2½ bushels on old ground. Prices: Per qt. 20c. (postpaid 25c.), 35c. for 2 qts. (postpaid 45c.), 4 qts. 50c., 75c. per pk., per bush. of 15 lbs. \$2.75, \$13.00 for 5 bush., 10 bush. \$25.00.

Michell's Seashore Formula Grass Seed. The salt atmosphere plays havoc with the seashore lawn. This formula contains such grasses only as thrive best in salt air regions. Sow 4 bushels to the acre on new ground or 2½ bushels for reseeding old lawns. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 65c., \$1.00 per pk., per bush. of 20 lbs. \$4.00, 5 bush. for \$18.75, \$36.50 for 10 bush.

Michell's Terrace or Embankment Grass Seed. Sow 4 bushels per acre. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 65c., \$1.00 per pk., per bush. of 20 lbs. \$4.00, 5 bush. \$18.75, \$36.50 for 10 bush.

Michell's Golf Course Grass Seed. Sow 5 bushels per acre. Prices: Per qt. 20c. (postpaid 25c.), 35c. for 2 qts. (postpaid 45c.), 4 qts. 50c., 85c. per pk., per bush. of 15 lbs. \$3.00, 5 bush. \$13.75, \$26.00 for 10 bush.

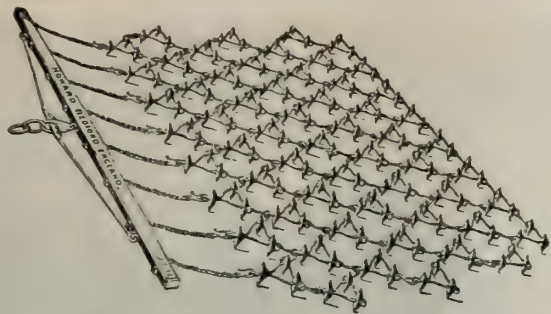
Putting Greens Grass Seed. This mixture is made up especially from such grasses as will grow very short and make a solid surface to withstand heavy wear.

| | Qt. | 4 Qts. | Peck | Bu. | 5 Bu. |
|-------------------|--------|--------|--------|--------|---------|
| Michell's Formula | \$0.25 | \$0.70 | \$1.25 | \$5.00 | \$22.50 |
| Travis' | .30 | 1.00 | 1.75 | 6.50 | 30.00 |

Southern States Lawn Grass Seed. Made up especially for dry, hot localities, especially suited to the Southern States. 15 lbs. per bushel. Prices: 20c. per qt. (postpaid 25c.), 2 qts. 35c. (postpaid 45c.), 50c. for 4 qts., pk. 85c., \$3.00 per bush., 5 bush \$13.75.

Special Sod Grass Seed. A quick growing mixture, making a very tough and heavy sod in a short time; especially valuable for cemeteries, tennis courts, pleasure grounds, etc. 15 lbs. per bush. Prices: 25c. per qt. (postpaid 30c.), 2 qts. 40c. (postpaid 50c.), 75c. for 4 qts., pk. \$1.00, \$3.50 per bush., 5 bush. \$16.75, \$32.50 for 10 bush.

NOTE—All grass mixtures except Putting Greens and Golf Course contain white clover. Any of them, however, can be furnished without this.



SCOTCH CHAIN GRASS HARROW

Positively the very best harrow to be had for putting the ground (where a lawn or pasture land is to be established) in the finest possible condition. Wherever a large or important undertaking of lawn or field work is in progress, this harrow should be employed. Very good also for dragging over roads and drives for the purpose of smoothing same. Made entirely of steel; never wears out.

- No. 1—For 1 horse, 5 x 6 feet \$16.50
- No. 2—For 2- " 6 x 7 3/4 " 22.50
- No. 3—For 2- " 9 x 11 " 29.00



WHEELBARROW GRASS SEEDERS

These machines are now largely used for distributing grass and other seeds over large areas. The distributing box is very near the ground which is an important feature, preventing the seed from blowing away and thus coming up unevenly. Price (14 feet sowing area), \$7.00.



MICHELL'S PERMANENT PASTURE GRASS SEED
 20¢ per qt., peck
 75¢, \$2.75 per bushel, 15 lbs.

GRASS SEED HEADQUARTERS

GRASS MIXTURES FOR FIELDS

Michell's Permanent Pasture Grass Seed. A composition of varieties of grasses. A single seeding lasts for years; may be used as a pasture one season, the next as a hay crop. Sow 50 lbs. per acre on new land or 30 lbs. on old lands. 15 lbs. per bush. Prices: Per qt., 20c. (postpaid 25c.), 50c. for 4 qts., per pk., 75c., \$2.75 per bush., 5 bush., \$13.00, \$25.00 for 10 bush., 50 bush., \$112.50.

Michell's Hay Field Grass Seed. A thoroughly reliable mixture of seed suitable for hay. When sown and established this grass will stand for years with an occasional seeding of a small amount to make up for any worn-out spots. Sow 50 lbs. per acre (15 lbs. per bush.). Prices: 20c. per qt. (postpaid 25c.), 4 qts. for 50c., 75c. per pk., per bu., \$2.75, \$13.00 for 5 bush., 10 bush. for \$25.00, \$112.50 for 50 bush.

WHITE CLOVER

Choicest re-cleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre (60lbs. per bu.) Price, 40c. per lb.; 5 lbs., \$1.90; \$3.70 for 10 lbs.; bu., \$19.20; \$32.00 per 100 lbs.



**MICHELL'S
"HAY FIELD"
GRASS SEEDS**
PER QT. 20¢ POSTPAID 25¢
PER 4 QT. 50¢
PER PECK 75¢
PER BUSHEL \$2.25
5 BUSHELS \$13.25
10 BUSHELS \$25.00

GRASS SEEDS IN SEPARATE VARIETIES

PRICES SUBJECT TO MARKET CHANGES.

Awnless Brome (*Bromus Inermis*). Sow 40 lbs. per acre. (Bu. 14 lbs.) Price, 15c. per lb., per bu. \$2.00, \$12.50 per 100 lbs.

Blue Grass, Fancy Kentucky (*Poa Pratensis*). Our stock of this is extra fine, thoroughly re-cleaned; sow 3 to 5 bu. per acre on lawns, 2½ to 3 bu. on pasture fields. (Bu., 14 lbs.) Price, 25c. per qt., per lb. 35c., \$1.00 per peck, per bu. \$4.00, \$27.00 per 100 lbs.

Blue Grass, Canadian (*Poa Compressa*). Makes an ideal pasture highly relished by cattle; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass Seed. (Bu., 14 lbs.) 25c. per lb., bu. \$2.75, \$19.00 per 100 lbs.

Creeping Bent (*Agrostis Stolonifera*). Adapted admirably for lawns also putting greens, tennis courts, etc.; sow 4 bu. per acre (20 lbs. per bu.). 30c. per lb., bu. \$5.75, 100 lbs. \$27.50.

Crested Dogstail (*Cynosurus Cristatus*). Excellent as a pasture and lawn grass. Sow 3½ to 4 bu. per acre (21 lbs. per bu.). Price, 45c. per lb., per bu. \$8.25, \$37.50 per 100 lbs.

English, or Perennial Rye Grass (*Lolium Perenne*). (*Pacey's Fancy Short Seeded*.) This makes the quickest returns in growth of any grass; is deep rooted and is readily established. Sow 3 bu. per acre (24 lbs. per bu.). Price, 12c. per lb., per bu. \$2.25, \$9.00 per 100 lbs.

French Rye Grass, also called Tall Meadow Oats. (*Avena Elaloir*.) This is extensively used and highly recommended for the Southern States. (Bu., 10 lbs.) 30c. lb., bu. \$2.50, \$22.00 per 100 lbs.

Fine Leaved Sheep's Fescue (*Festuca Tenuifolia*). This grass is especially valuable for dry soils; sow 30 lbs. to the acre. (Bu., 14 lbs.) 45c. per lb., bu. \$5.50, \$35.00 per 100 lbs.

Herd or Red Top Fancy Re-cleaned. This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 25 lbs. per acre (32 lbs. per bu.). Price, 25c. per lb., per bu. \$6.50, \$19.00 per 100 lbs.

Herd or Red Top Unhulled (*Agrostis Vulgaris*). Sow 4 to 5 bu. per acre on lawns or 3 bu. on pasture lands (10 lbs. per bu.). Price, 18c. per lb., per bu. \$1.50, \$12.50 per 100 lbs.

Hard Fescue (*Festuca Duriuscula*). A splendid grass for golf links, tennis courts, etc., will resist droughts. Sow 3 bu. per acre (12 lbs. per bu.). 30c. per lb., bu. \$3.25, \$25.00 per 100 lbs.

Italian Rye (*Lolium Italicum*). Very desirable for pasture; being an annual, it comes to maturity the first season. Sow 50 lbs. per acre (18 lbs. per bu.). Price, 12c. per lb., per bu. \$1.80, \$9.00 per 100 lbs.

Meadow Fescue (*Festuca Pratensis*). Sow 40 to 50 lbs. per acre (22 lbs. per bu.). Price, 35c. per lb., per bu. \$6.60, \$29.00 per 100 lbs.

Natural Green. Sow 4 bu. per acre (14 lbs. per bu.). 20c. per lb., per bu. \$2.00, \$12.00 per 100 lbs.

Orchard Grass (*Dactylis Glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 40 lbs. per acre (12 lbs. per bu.). Price, 30c. per lb., per bu. \$3.00, \$22.00 per 100 lbs.

Red or Creeping Fescue (*Festuca Rubra*). Very valuable for sowing on sandy soil and in shaded places. (14 lbs. per bu.). Price, 35c. per lb., per bu. \$4.00, \$27.50 per 100 lbs.

Rhode Island Bent (*Agrostis Canina*). For sowing at seashore resorts, on putting greens, tennis courts, etc., 40 lbs. per acre (14 lbs. per bu.). 35c. per lb., per bu. \$4.25, \$27.50 per 100 lbs.

Sheep's Fescue (*Festuca Ovina*). This makes an excellent grass for sowing on lawns, fields or pleasure grounds. Sow 40 lbs. per acre (12 lbs. per bu.). Price, 35c. per lb., per bu. \$3.75, \$25.00 per 100 lbs.

Sweet Vernal Annual; (*Anthoxanthum Odoratum Puelli*). Sow 3 lbs. per acre with other grasses. Price, 25c. per lb., 5 lbs. \$1.00.

Sweet Vernal Perennial; (*Anthoxanthum Odoratum Real*). Price, 70c. per lb., 5 lbs. \$3.25.

Timothy (*Phleum Pratense*). Sow ½ bu. per acre alone. (45 lbs. per bu.). 18c. per lb. Price varies constantly, ask for quotations.

Wood Meadow (*Poa Nemoralis*). The best grass for sowing under trees where a lawn is desired. Sow 30 lbs. per acre (14 lbs. per bu.). Price, 70c. per lb., per bu. \$9.00, \$62.50 per 100 lbs.

Full description of all grasses listed here are given in a special circular entitled "Perfect Lawns"; mailed free for the asking.

Headquarters for SEED WHEAT

Prices subject to market changes.

Our seed wheat is grown for us on contract, will be found strictly A1 in every respect; samples and quotations on large lots gladly submitted on request. **Sow 1½ to 2 bushels per acre** (except where noted).

"NEW WHEAT MIRACLE"

This variety originated some five years ago in Virginia, the owner since that time has been working up a stock and offers it this year for the first time. It is a semi-hard bearded variety with a large berry of excellent milling quality. **It is a tremendous stooler, one grain producing as many as 25 stalks with often 45 grains to the head** or stalk. It is readily seen that this wheat should produce on average conditions an enormous crop, its usual rating being anywhere from 40 to 50 bushels per acre under average conditions. It may seem strange but the introducer impresses upon us very forcibly **not to recommend the sowing of more than ½ bushel per acre**, as if seeded heavier it would choke itself, on account of its free stooling characteristic. In many cases it has been known where only 1 peck was sown to the acre excellent returns were made. The straw is 5 to 5½ feet high, very stiff and produced in abundance. The first cost of the seed may appear high, but when one considers that it requires about one-third quantity compared with the ordinary wheats and its wonderful possibilities, it is the most economical wheat to sow.

Price for choice re-cleaned seed: 25c. qt.; ½ peck, 85c.; \$1.50 peck; bushel, \$5.00.

OTHER VARIETIES CHOICE SEED WHEAT

Dietz Longberry (*Bearded*). One of our best hard red wheats; straw very stiff and a tall grower; for milling this variety is largely in demand, as it makes the finest flour. Peck, 60c.; \$2.00 per bushel.

Fultz (*Bald*). The straw of this sort is very stiff; a big yielder of the latter as well as of grain. Peck, 60c.; \$2.00 per bushel.

Fultz-Mediterranean. A hybrid variety, producing both bearded and bald heads; it is a cross between Fultz and Red Mediterranean, combining the excellent straw qualities of the former and the milling qualities of the latter. It is a semi-hard grained variety. Our seed of this variety is grown by the originator. Peck, 75c.; \$2.50 per bushel.

Jones Winter Fife (*Bald*). A variety similar to "Fultz," over which it is supposed to be an improvement. The grain is light colored; the straw is long and very stiff. Peck, 60c.; \$2.00 per bushel.

Lancaster Red (*Bearded*). A variety extensively grown in the county which name it bears. The berry has quite a reddish cast and is a heavy producer. The straw is very stiff and stands the attack of storm better than any other kind. Peck, 65c.; \$2.00 per bushel.

Choice Timothy Seed, See page 66

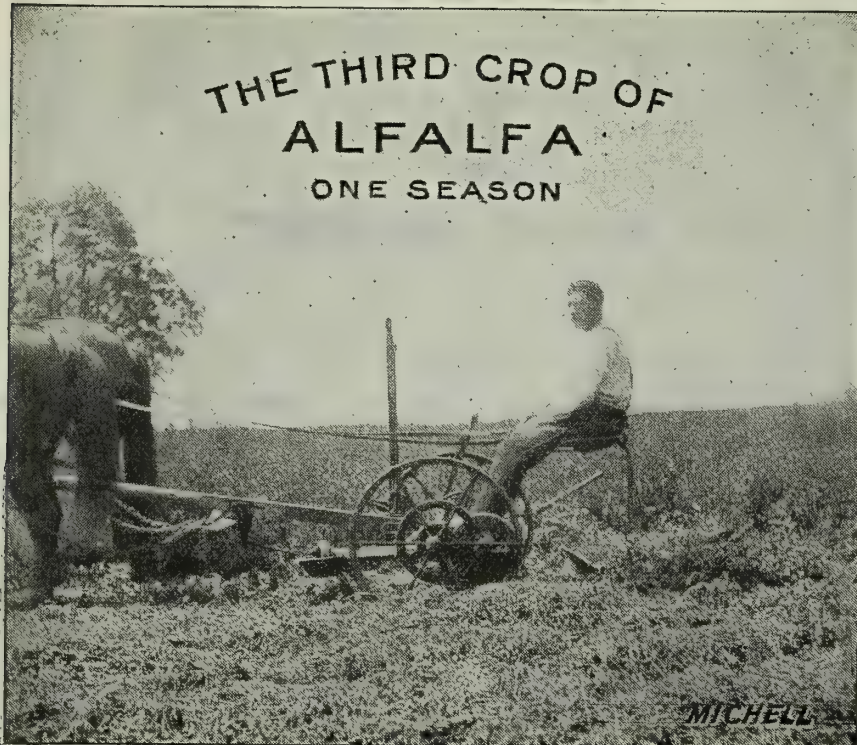
NEW WHEAT "MIRACLE"

The above stalk produced from a single seed

Prices on Seed Wheat Subject to Market Changes

SEASONABLE FARM SEEDS

Prices subject to Market Changes



Cutting Alfalfa on the farm of R. Mason Lisle, Paoli, Pa.
Seed furnished by us.

CLOVERS

Alsike or Swedish Clover. The hardiest clover in cultivation.

Particularly valuable when sown for mingling with other hay crops. One sowing lasts many years. Sow 10 lbs. per acre alone or 6 lbs. where sown with other crops. Sow from April to June and in the late summer and autumn. Height, 1 to 3 feet, according to climate and soil. Price, 22c. per lb., per pk. \$2.75, \$11.00 per bu.

Bokhara Clover. A tall, quick growing variety, principally used for providing food for bees. Sow early in April; 15 lbs. per acre. Height, 3 to 5 feet. Price, 30c. per lb., per 10 lbs. \$2.50.

Crimson Clover (Delaware grown). Far superior to imported. The latter is not well able to withstand our winters. Used principally for soiling or green manuring, is also relished by cattle when they become accustomed to it. Sow 20 lbs. per acre, any time from May until middle of October. Height about 18 inches. 15c. lb., peck \$2.10, \$8.00 per bu.

Red Clover (Medium). Principally sown for hay purposes on timothy fields early in the spring and fall. Sow 20 lbs. per acre if alone or 15 lbs. where other grass or hay crops are standing, from March 15th to May 1st and in the late summer and autumn. Height, about 18 in. to 2 ft. Price, 20c. lb., peck \$2.75, \$11.00 per bu.

Mammoth Red Clover (Pea Vine Clover). Also called English Cow Grass. This sort is very similar to the above, excepting that it grows somewhat larger and remains established longer. Sow from March 15th to May 1st and in the late summer and autumn; 15 lbs. per acre if sown alone or 10 lbs. if sown with another hay or grass crop. Price, 20c. lb., peck \$2.75, \$11.00 per bu.

White Dutch or Lawn Clover (Fancy Recleaned). For use on pasture lands it is extremely valuable. Sow 10 to 12 lbs. per acre on land seeded with grass or other grain from April 1st to September 1st. Price, 40c. (by mail, 48c.) per lb., 5 lbs. \$1.90, \$3.70 for 10 lbs., per bu. \$19.20, \$32.00 per 100 lbs.

WINTER RYE

Penna. Large White. Sow 1 to 1½ bushels per acre during September, October or early November. It makes an excellent early green food in spring and may be used for turning under or harvesting. 10c. qt., peck 40c., \$1.35 per bu.

RECLEANED TIMOTHY

Our stock of this is unusually large and of very good quality; for sowing among wheat as a second year hay crop or for sowing alone for a first year hay crop this is extensively used. Sow ½ bu. per acre alone or 6 to 8 qts. with wheat. 20c. lb., peck \$2.25, \$8.50 per bu.

We make a specialty of the very best obtainable in this line; cheap farm seeds are expensive at any price, besides a poor crop they mean an inferior quality. Samples are mailed, without any charge, on application.

RECLEANED ALFALFA

Now is the time to sow

Sow ½ bushel per acre in May or during August and early September, or most any season when weather conditions are favorable, top dress it with manure every fall, and it will rarely winter kill. It can be cut usually three times in one season. The great secret in getting a successful stand of Alfalfa lies in the preparation of the ground; it will pay everyone who wants to grow this valuable farm crop to give the ground preparation most intelligent thought. It must be borne in mind that an Alfalfa field properly started will yield successfully a score of years. 25c. per lb., per pk. \$3.25, \$13.00 per bu. Ask for our Pamphlet on Alfalfa, mailed free.

PURITY NOTE.—We have on file a U. S. Government report showing the Alfalfa seed sold by us to be over 99½ per cent. pure, germination test over 94 per cent. in five days.

TESTIMONIAL ON MICHELL'S ALFALFA.

The Alfalfa I bought of you was sown on Sept. 4th. By September 9th it was showing above the ground and today, the 24th, I have a stand three inches high. I am simply amazed at the good quality of the seed.

ELK RIDGE, MD.

DR. W. R. EARECKSON.

WINTER VETCH (*Vicia Villosa*)

True Sand or Hairy Vetch

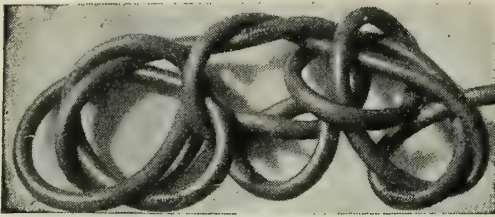
Extensively used as a soil renovator or for dry or green feed in the early spring. It may be sown alone or with Winter Rye or Oats; is perfectly hardy, thriving in every climate, under most adverse conditions. Is very nutritious and live stock relish it. When sown with rye, etc., it will attain a height of 4 to 5 feet; it requires ½ bushel to sow an acre broadcast alone or with other crops. Sow as early as possible in the fall or summer and get a good growth before cold weather sets in. 60 lbs. per bushel. 15c. per lb., 10 lbs. \$1.20, \$6.75 per bushel, 100 lbs. \$10.00.

Add 22c. for each two bushel seamless bag required on farm seed orders. This price is refunded on return of seamless bags, charges paid and in good order.



Crimson Clover

All Prices on Farm Seeds subject to Market Change



RUBBER HOSE

Michell's Rubber Hose is noted for its reliability in every way. We buy from the manufacturer in enormous quantities.

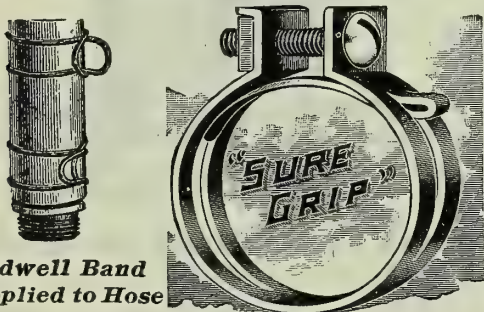
| | 25 ft. section | 50 ft. section | 100 ft. lots |
|----------------------------------|----------------|----------------|--------------|
| Bull Dog , 3/4-in., 7-ply | \$5.00 | \$9.75 | \$18.00 |
| Standard , 3/4-in., 3-ply | 3.25 | 6.25 | 12.00 |
| Reliable , 3/4-in., 3-ply | 3.75 | 7.25 | 14.00 |
| " 1-in., 3-ply | 6.00 | 11.25 | 22.00 |
| " 3/4-in., 4-ply | 4.75 | 8.75 | 17.00 |
| " 1-in., 4-ply | 7.50 | 14.25 | 27.50 |
| " 1/2-in., 4-ply | 3.50 | 6.75 | 13.00 |
| *Any Length | 4.50 | 8.50 | 16.50 |
| *Electric , 3/4-in. | 4.75 | 9.25 | 18.25 |
| *Electric , 1/2-in. | 4.50 | 8.50 | 16.50 |
| *Revero , 3/4-in. | 4.75 | 9.25 | 18.00 |
| *Revero , 1/2-in. | 4.25 | 8.25 | 16.00 |

Spray Pump Hose, 3/8 in., 12c. per foot.

P.S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

25 and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 15c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 8c. doz.; 1/4 lb., 30c.



Caldwell Band as applied to Hose

HOSE BANDS

For fastening couplings and menders in hose.

| No. | CALDWELL'S | Doz. | 100 |
|------------------|------------|--------|--------|
| 8—For 3-ply hose | | \$0.18 | \$1.00 |
| 6—For 4-ply hose | | .18 | 1.00 |
| HUDSON'S | | | |
| | | Doz. | 100 |
| 3/4-inch | | \$0.18 | \$1.00 |
| 1-inch | | .20 | 1.25 |

SURE GRIP

3/4-inch, 5c. each; per doz., 50c.

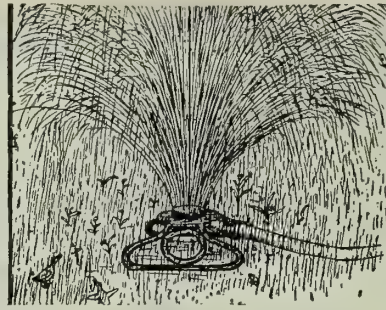
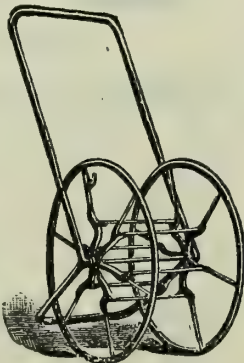
HOSE REELS

Wirt's (All Iron)

| No. | Capacity | Price |
|-----|----------|--------|
| 10 | 100 ft. | \$2.75 |
| 20 | 150 ft. | 3.25 |
| 30 | 300 ft. | 5.00 |

Wooden Hose Reel

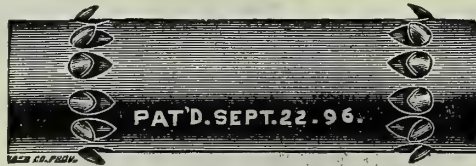
| Capacity | Price |
|----------|--------|
| 75 feet | \$0.75 |



The Victor Sprinkler

LAWN SPRINKLERS

| | Height | Price |
|-------------------------|-----------|--------|
| AETNA | 24 inches | \$1.75 |
| PLUVIUS | 11 " | 1.25 |
| FOUNTAIN or RING | 3 " | .75 |
| PECK 4-arm | 40 " | 3.25 |
| PECK 8-arm | 40 " | 3.75 |
| WATERWITCH | 8 3/4 " | .50 |
| PRESTON | 5 1/2 " | 1.25 |
| MAYFLOWER | 9 1/2 " | 1.00 |
| ENTERPRIZE No. 1 | 8 " | 3.75 |
| ENTERPRIZE No. 2 | 8 " | 3.00 |
| VICTOR | 3 1/2 " | .75 |



HOSE MENDERS

| | Each | Doz. |
|-----------------------------------|--------|--------|
| Cooper's —3/4-inch | \$0.10 | \$1.00 |
| " 1/2-inch | .10 | 1.00 |
| Jones' —3/4-inch (iron) | .05 | .50 |
| Hudson's —3/4-inch (brass) | .04 | .42 |
| " 1/2 " | .04 | .42 |
| Perfect —3/4-inch (brass) | .10 | 1.00 |

HOSE MENDING OUTFIT

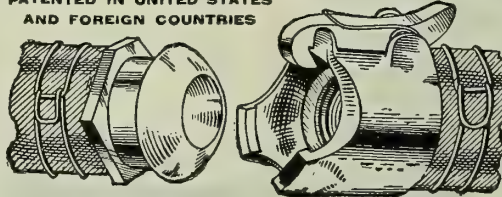
Six menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands for 3/4-inch hose.

Price: Per outfit, 65c.; by mail, 75c.

PLIERS FOR HOSE BANDS

Caldwell25c. | Hudson25c.

PATENTED IN UNITED STATES AND FOREIGN COUNTRIES



No. 2

No. 1

HOSE COUPLINGS, Etc.

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring, and are water-tight. 25c. per pair; doz. pairs, \$2.75.

Snap Coupling Parts.

No. 2—Male, 8c. each; per doz., 85c.
No. 1—Female, 17c. each; per doz., \$1.90.

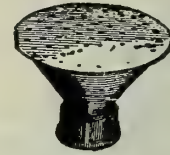
Regular Hose Couplings, 3/4-inch, per pair, 15c.; doz. pairs, \$1.60. 1-inch, per pair, 35c.; doz. pairs, \$4.00.

Hose Reducers from 1 inch, female, to 3/4 inch, male, 40c.

Royle Hose Attachment. For attaching hose to smooth faucets, 30c.

HOSE NOZZLES

Boston Spray Nozzle
(See Cut)



Like the rose of a watering can, screwed on the end of the hose. Coarse and fine screen for 3/4-inch (or regular hose). Each, 60c.; by mail, 70c.

*Vermorel (Spray Pump Size, 3/8-in.) \$0.75

*Bordeaux " " " " .75

Boss Hose Nozzle, 3/4-in.45

Gem " " " "35

Plain " " " "25

Zangens Rainbow, 3/4-in. 1.75

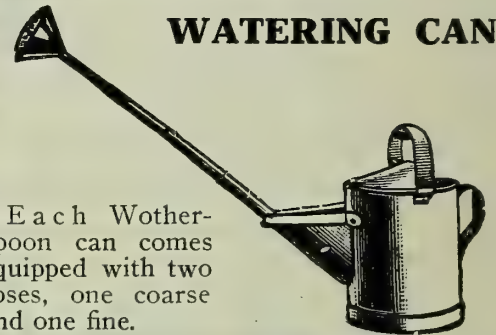
Shower, 3/4-in. 2.00

* These are 3/8-in. nozzles, if wanted for 3/4-in. hose add 25c. to the above price.

NOZZLE HOLDERS

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 15c.

WATERING CANS



Each **Wotherspoon** can comes equipped with two roses, one coarse and one fine.

Wotherspoon Make (see cut)

| | Round | Oval |
|---------------------------------------|--------|--------|
| 2 quart | \$1.15 | |
| 4 " | 1.60 | |
| 6 " | 1.85 | \$2.10 |
| 8 " | 2.00 | 2.35 |
| 10 " | 2.25 | 2.60 |
| 12 " | 2.60 | 2.85 |
| 16 " | 3.15 | 3.50 |
| 12 qt. Manure Watering Can | | 2.75 |
| 4 qt. Fern or Low Watering Can | | 1.50 |

Extra Roses or Sprays

For **Wotherspoon** Watering Can, either coarse or fine, 35c. each.

LIGHT GALVANIZED IRON

| | Each | \$0.35 |
|-------------------------------------|------|--------|
| 4 quart | | |
| 6 " | | .45 |
| 8 " | | .55 |
| 10 " | | .60 |
| 12 " | | .70 |
| 16 " | | 1.00 |
| 20 " | | 1.25 |
| 1 quart, Tin , painted green | | .25 |
| 2 " " " " | | .30 |
| 4 " " " " | | .35 |

ENGLISH WATERING CANS

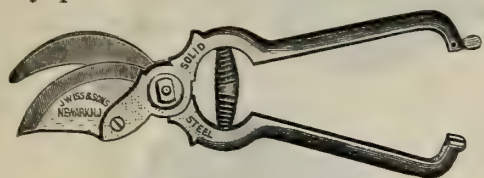
4 qt. ..\$2.00 | 6 qt. ..\$2.25 | 8 qt. ..\$2.50

RUBBER APRONS

For protecting the clothes while watering or potting\$2.00

PRUNING SHEARS, ETC.

Our pruning shears are procured from the most reliable makers in America and Europe and but of are fully guaranteed in every particular.



| No. | Wiss Pruning Shears | |
|-----|---------------------|--------|
| 109 | Wiss, 8 in. | \$2.00 |
| 190 | Henckle, 7½ in. | 1.25 |
| 200 | " 8½ in. | 1.50 |
| 210 | " 9½ in. | 1.75 |
| 17 | " 8½ in. | 1.00 |

The Henckle patterns, except No. 17, are equipped with a ratchet nut which takes up all wear and allows the shear to make a perfect cut at all times.



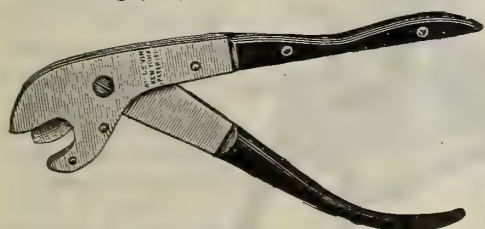
| | | |
|------|------------------------|--------|
| 88 | Hessenbruch, 8 in. | \$1.10 |
| 1537 | German, 8 in. | .65 |
| 03 | American, 8 in. | .40 |
| 23 | Ladies' nicked, 4½ in. | .80 |
| 23 | " " 5½ in. | .90 |
| 23 | " " 6½ in. | 1.10 |



FRENCH PRUNING SHEARS

These have a distinct, very easy working, spring and are especially desirable for one whose hand is liable to fatigue when pruning.

| | |
|-----------------------|--------|
| French, small, 7 inch | \$1.25 |
| " large, 8½ inch | 1.50 |



LEVIN PRUNER

On account of its peculiar construction, the handle of this shear affords a great deal of leverage, which makes very easy cutting possible. Price, 70c.

Spiral Springs for Pruning Shears. 10c. each; per doz., \$1.10.
Spirals for French Pruning Shear. 25c.

LEATHER PRUNING GLOVES



| | |
|--------------------------------|--------|
| Buckskin, pair | \$1.50 |
| Ordinary, pair | 1.25 |
| Buckskin, with gauntlets, pair | 2.00 |

FLY NUTS



For Hedge Shears, 30c. each.
The Fly Nut feature of a hedge shear enables the wear to be taken up instantly by merely tightening the same.

TREE PRUNERS



Disston's Pole Pruner

Pruner and Saw

Disston's Little Giant. (See cut) \$1.10
Disston's Little Giant. With saw attachment. (See cut) 1.50



TELEGRAPH TREE PRUNER

Price, \$1.00.

HESSENBRUCH TREE PRUNER

| No. | Price |
|------|--------|
| 5340 | \$1.25 |
| 1820 | 2.50 |
| 1806 | 1.75 |
| 1805 | .75 |



WATERS TREE PRUNERS

With removable cutting blade and pole complete.

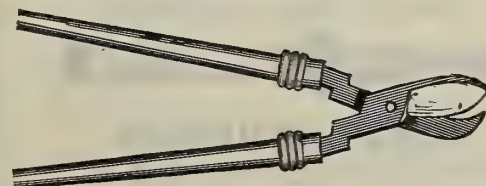
| | |
|--------|--------|
| 4 feet | \$0.75 |
| 6 " | .85 |
| 8 " | 1.00 |
| 10 " | 1.15 |
| 12 " | 1.25 |
| 14 " | 1.50 |

Extra Blades for Waters Pruners, 25c. each.

None of the above Tree Pruners except the Waters are equipped with poles or rope.

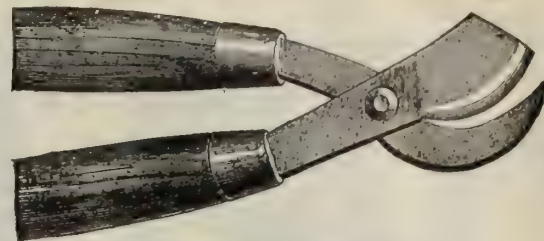
POLES for Tree Pruners.

| | |
|-----------------------------------|--------|
| 12 feet long, 1¼ inches diameter. | \$0.45 |
| 14 " 1½ " " | .80 |
| 16 " 1½ " " | 1.00 |



SAYNOR LOPPING SHEARS

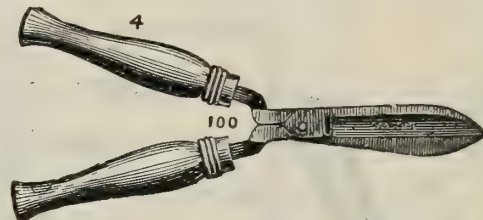
For tree and heavy hedge pruning. Made of the finest English steel, \$3.50 each.



LOPPING SHEARS

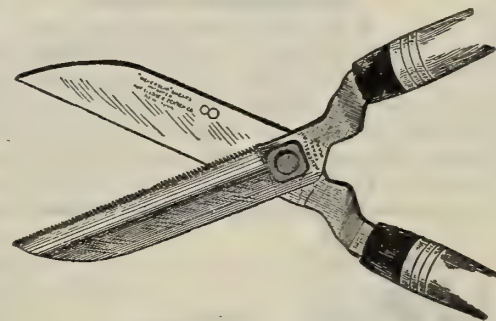
These are used in trimming trees and for cutting heavy hedge that the regular hedge shear will not cut.

Rockdale Style. See cut \$1.00
Clipper Style. Equipped with a lever blade and made of the finest American steel 2.00



ENGLISH HEDGE SHEARS

| No. | Plain Bolt Each | Fly Nut Bolt Each |
|----------------------|-----------------|-------------------|
| 107-5½ inch, Ladies' | \$1.00 | |
| 101-8 " | 1.50 | \$2.00 |
| 101-9 " | 1.75 | 2.25 |
| 101-10 " | 2.00 | 2.50 |
| 101-12 " | 2.50 | |



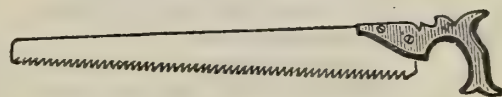
HEDGE SHEARS

Neverslip Style

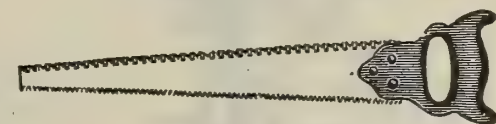
As may be seen by the illustration these shears have a saw edge on one blade which prevents them from slipping when cutting, made of the best quality English steel.

| | |
|--------|--------|
| 8 inch | \$1.80 |
| 9 " | 2.25 |
| 10 " | 2.50 |

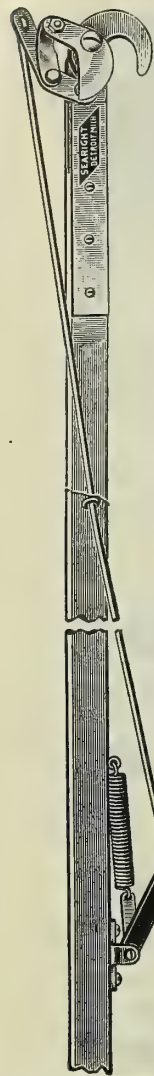
PRUNING SAWS



| | |
|----------------------|--------|
| 16 inch, single edge | \$0.70 |
| 18 " " " | .80 |
| 20 " " " | 1.00 |
| 22 " " " | 1.25 |



| | |
|--------------------------------|--------|
| 18 inch Duplex (double edge) | \$0.85 |
| 20 " " " | 1.15 |
| 14 " California Curved Pattern | .65 |
| 16 " " " | .75 |



**SEARIGHT
COMPOUND LEVER
TREE PRUNER**

The easiest tree pruner to operate; makes a clean cut, made of best tempered steel and will give long service.

- 8 ft. \$1.40
- 10 " 1.60
- 12 " 1.75
- 14 " 2.00

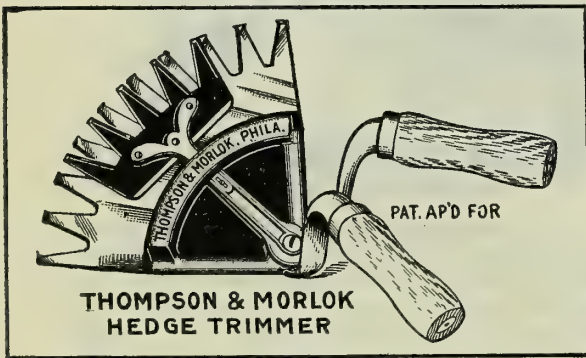
Undoubtedly we carry the largest variety of Horticultural Tools in Philadelphia.

THE UNIQUE HEDGE TRIMMER

(Thompson & Morlok)

A practical tool for trimming the summer growth of hedge, it works like a charm and leaves

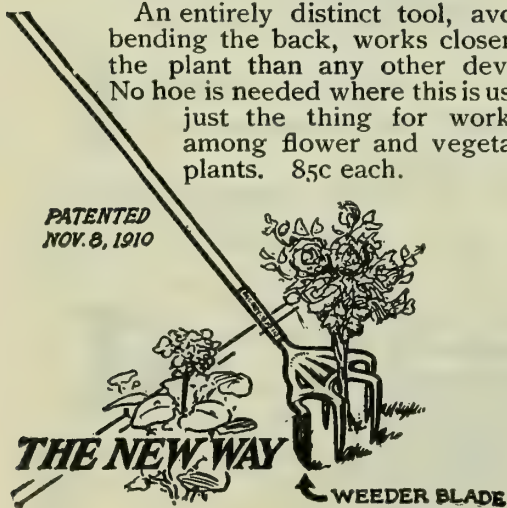
the hedge in better shape than you could with any other shear, and does the work in 1/4 the time. Guaranteed satisfactory; cuts 16-inch swath; \$5.00.



THOMPSON & MORLOK HEDGE TRIMMER

**MEHLER
HANDY GARDENER**

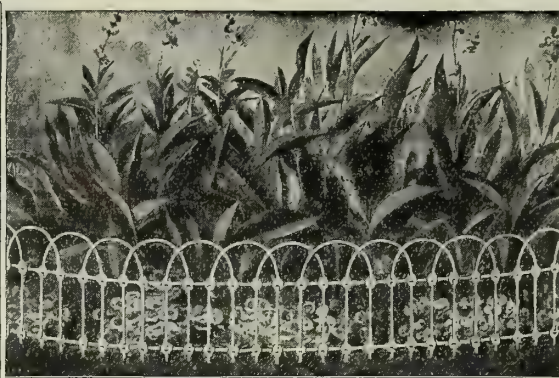
An entirely distinct tool, avoids bending the back, works closer to the plant than any other device. No hoe is needed where this is used, just the thing for working among flower and vegetable plants. 85c each.



PATENTED NOV. 8, 1910

THE NEW WAY

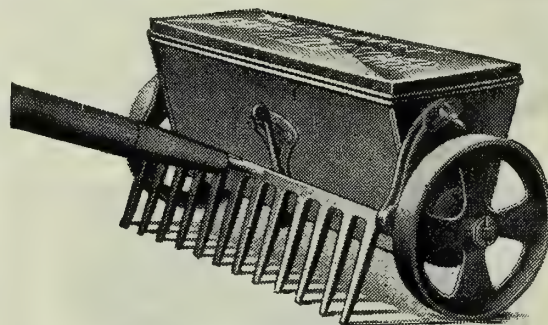
WEEDER BLADE



WIRE FENCING

For putting around flower beds, etc. Any length desired up to 150 running ft. in one piece.

- 16 in. Less than 150 ft. roll, 12c. ft.
- 16 in. In Roll Lots, 150 ft. 10c ft.
- 22 in. Less than 150 ft. roll, 14c. ft.
- 22 in. In roll lots, 150 ft., 12c. ft.



Velvet Fertilizer Sower

The only hand power Fertilizer Sower on the market that will sow evenly, accurately and any desired amount, all brands of pulverized dry fertilizers. The Fertilizer Box, or Hopper, is made of heavy Galvanized Metal and holds fifteen pounds. The amount sown is under absolute control, to a fraction of a pound. It is equipped with an Agitator, as well as Force Feeders. It insures the even spreading of the fertilizer over the ground the entire width of the machine, and the machine sets so close to the ground that the wind has no chance to blow the fertilizer about while being sown. Price, \$6.00

STEVENS FERTILIZER DISTRIBUTOR

For distributing bone meal, wood ashes, and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about 1 3/4 bu., nicely finished, covering area 3 feet wide. Price, \$12.00



LEWIS' SHEET BRASS SYRINGE

Capacity about 1 quart, \$1.75.

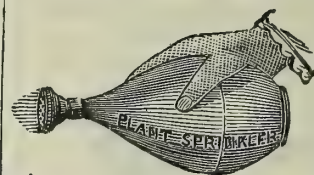


BRASS SYRINGES

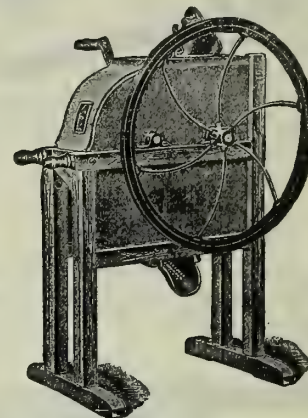
Made of heavy sheet brass which will last many years with a little care.

- A-1 stream and spray rose, 12 in. \$2.25
- B-1 " " " " 13 " 3.25
- C-1 " " " " 14 " 3.50
- 5-1 " " 2 " roses 18 " 6.50
- H-18 in. long 1 1/2 in. diam. 2.50

Rubber Plant Sprinklers



- Straight Neck.
- No. 1 \$1.00
- No. 290
- No. 460
- Angle Neck.
- Large \$1.00
- Small80



PENNSYLVANIA CORN SHELLER

Will be found useful on every farm and private estate. Separates the corn from the cob, throwing the cob to one side and allowing the corn to pass out at another. Price, \$8.00.

MANN'S CORN SHELLER

Excellent for small poultry farms, etc. Ball-bearing, suitable for fastening to a bench, box, etc. Price, \$2.00.

Black Hawk Corn Sheller

For shelling small quantities of corn. \$2.00 each.

GRINDSTONES



- No. 2 Cleveland, 22 inches diam., \$4.50.
 - No. 3 Cleveland, 19 inches diam., \$4.00.
 - Bi-Treadle, complete with seat and pedals, \$5.50
- The above prices do not include water cups.

Cleveland Grind Stone

THE CANTON GRINDER

A handy device for sharpening small tools of all kinds. Made to clamp on a small bench or table. Equipped with a carborundum wheel. Price, \$2.00.

MARATHON

BALL BEARING GRINDER

This is equipped with a carborundum wheel the hardest grinding substance known. It operates by a train of gears and acquires a tremendous speed with the best effort. It may be purchased for foot or hand power. Suitable for grinding from the coarsest to the finest edged tool.

- No. 1 \$4.50
 - No. 2 5.50
 - No. 3 \$6.50
 - No. 4 7.50
- Foot treadle for any of the above sizes, \$1.50 extra.

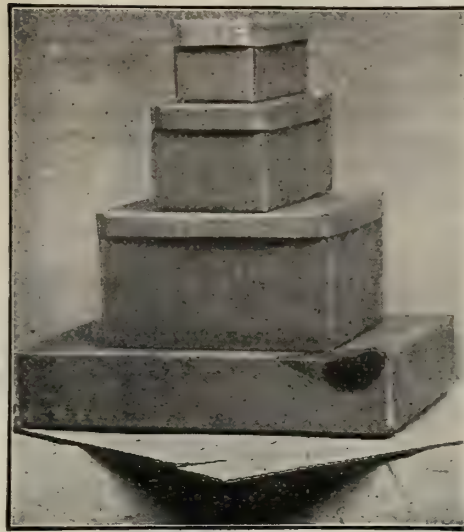


LINING AND ROOFING PAPER

| | Sq. ft. per roll | Price per roll |
|------------------------------------------------------|------------------|----------------|
| Celery Paper for covering celery banks | 500 | \$1.15 |
| \$5.25 for five rolls. | | |
| Neponset Red Rope | 500 | 5.50 |
| " " " | 250 | 2.75 |
| " " " | 100 | 1.25 |
| Black Siding | 250 | 1.25 |
| " " " | 500 | 2.50 |
| Tar or Pitch, 2-ply | 100 | .80 |
| " " " 3-ply | 100 | 1.10 |
| Paroid, 1-ply | 108 | 2.50 |
| " 2-ply | 108 | 3.25 |
| " 3-ply | 108 | 4.00 |
| Caps for tar paper. 1 lb., 8c.; 5 lbs., 35c. | | |
| Nails for tar paper. 1 lb., 8c.; 5 lbs., 35c. | | |

SUNDRIES

- Charcoal.** For use in potting. Pk., 25c.; bu., 75c.; bbl., \$1.75.
- Grafting Wax.** 1/4 lb., 10c.; 1/2 lb., 15c.; 25c. lb.; 5 lbs., \$1.10.
- Moss, Green Lump.** Pk., 35c.; bu., 75c.; bbl., \$1.75.
- Moss, Green Sheet.** Pk., 50c.; bu., \$1.25; bbl., \$3.50.
- Moss, Sphagnum (dry).** Barrel size bales, \$1.00; pk., 20c.; bu., 50c.;
- Moss, Sphagnum (dry).** Five barrel bales, \$2.50.
- Moss, Sphagnum (live).** Pk., 25c.; bu., 85c.; bbl., \$1.75.
- Pebbles.** Per qt., 8c.; pk., 40c.; bu., \$1.25; bbl., \$2.00.
- Peat or Leaf Mould.** Five barrels, \$6.25; pk., 25c.; bu., 75c.; bbl., \$1.50.
- Peat, Orchid.** Per barrel bag, \$2.00; pk., 30c.; bu., \$1.00.
- Sand for propagating.** Per qt., 5c.; pk., 25c.; bu., 75c.; bbl., \$1.50.
- Soil for potting.** Qt., 5c.; 1/2 pk., 15c.; pk., 25c.; bu., 60c.; bbl., \$1.50.
- Tin Foil.** 15c. per lb.; 70c. per 5 lbs.
- Toothpicks.** Plain, box, 7c.; 35c. for 6 boxes.
- Toothpicks.** Wired, 1000, 25c.; \$2.00 per 10,000.
- Violet Foil.** 40c. lb.; \$1.75 per 5 lbs.
- Weed Killer.** Fairmount. 1/2 gal., 75c.; \$1.25 gal.; 5 gals., \$6.00.
- Weed Killer.** Target Brand. 45c. per qt.; 1/2 gal., 65c.; \$1.00 per gal.; 5 gals., \$4.50; \$8.50 for 10 gals.
- Zementine.** For whitewashing and shading. 2 lbs., 15c.; 10 lbs., 70c.
- Carnation Bands (Rubber).** For mending bursted calyx. 30c. per oz.; 1/4 lb., \$1.00.
- Carnation Staples** for mending Carnation Calyx. 60c. per 1000.



CUT FLOWER BOXES HEAVY CORRUGATED PAPER

| Size | Each | Per Doz. | Per 100 |
|-------------------|--------|----------|---------|
| 60 x 20 x 12 inch | \$0.60 | \$6.50 | |
| 42 x 14 x 8 " | .40 | 4.50 | |
| 36 x 14 x 6 " | .35 | 3.50 | |
| 24 x 8 x 5 " | .20 | 2.00 | |

LIGHT WEIGHT PAPER

| Size | Per Doz. | Per 100 |
|--------------------|----------|---------|
| 14 x 5 x 3 | \$0.35 | \$2.25 |
| 20 x 4 x 3 | .40 | 2.50 |
| 16 x 5 x 3 | .40 | 2.50 |
| 18 x 5 x 3 | .45 | 2.65 |
| 19 x 5 x 3 1/4 | .50 | 3.00 |
| 18 x 7 1/2 x 3 1/2 | .60 | 3.50 |
| 21 x 5 x 3 1/4 | .60 | 3.50 |
| 23 x 5 x 3 1/2 | .65 | 3.75 |
| 21 x 7 x 3 1/2 | .65 | 3.75 |
| 21 x 8 x 4 | .70 | 4.00 |
| 23 x 7 x 3 1/2 | .70 | 4.00 |

HEAVY WEIGHT PAPER

| Size | Per Doz. | Per 100 |
|-------------|----------|---------|
| 23 x 12 x 4 | \$1.00 | \$6.50 |
| 28 x 8 x 5 | 1.00 | 6.50 |
| 30 x 9 x 4 | 1.00 | 6.50 |
| 36 x 8 x 5 | 1.25 | 8.25 |
| 23 x 12 x 5 | 1.25 | 8.25 |
| 30 x 9 x 6 | 1.35 | 8.75 |
| 30 x 12 x 6 | 1.50 | 11.00 |
| 30 x 14 x 8 | 2.40 | 16.50 |
| 36 x 12 x 6 | 2.40 | 16.50 |

We can also supply other sizes of boxes.

VIOLET BOXES

| Size | Per Doz. | Per 100 |
|------------------------|----------|---------|
| 7 x 4 x 4 | \$0.40 | \$2.75 |
| 8 x 5 x 5 | .70 | 4.40 |
| 9 x 7 x 5 1/2 | .80 | 5.50 |
| 10 1/4 x 6 1/4 x 4 1/2 | .80 | 5.50 |
| 13 x 9 x 6 | 1.25 | 8.80 |

PAPER FOR FLOWERS

| | Lb. | 5 lbs. | Ream |
|---------------------------------|--------|--------|--------|
| Manilla. For wrapping | \$0.10 | \$0.45 | \$1.60 |
| " Tissue | .12 | .55 | 1.00 |
| Wax. Best quality, White | | | |
| 24 x 36 in. | .30 | 1.25 | 2.50 |
| Wax. Best quality, Green | | | |
| 24 x 36 in. | .35 | 1.50 | 3.00 |

WIRE NETTING

1-inch Mesh, No. 20 Wire

| Wide | Price | Wide | Price |
|--------|--------|--------|--------|
| 12 in. | \$1.80 | 42 in. | \$5.50 |
| 18 in. | 2.60 | 48 in. | 6.50 |
| 24 in. | 3.40 | 60 in. | 8.00 |
| 30 in. | 4.20 | 72 in. | 9.50 |
| 36 in. | 5.00 | | |



PAINTED POT LABELS

| | 100 | 5.0 | 1000 |
|---------|--------|--------|--------|
| 4 inch | \$0.12 | \$0.50 | \$0.85 |
| 4 1/2 " | .15 | .60 | 1.00 |
| 5 " | .20 | .70 | 1.25 |
| 6 " | .25 | .85 | 1.50 |
| 8 " | .40 | 1.75 | 3.25 |
| 10 " | .50 | 2.40 | 4.50 |
| 12 " | .75 | 3.25 | 6.00 |

TREE LABELS, Etc.

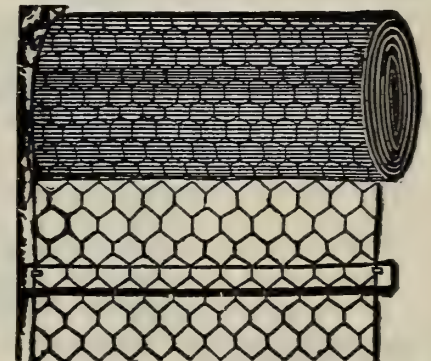
| | Per 100 | Per 1000 |
|-------------------------------------------------------------|---------|----------|
| Iron Wired. Plain Wood | \$.15 | \$1.00 |
| Copper Wired. Plain | .20 | 1.25 |
| " " Painted | .25 | 1.50 |
| Copper Sheet, wired. 20c. per doz.; per 100, \$1.10. | | |
| Indelible Marking Pencils | | 10c. |



SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

- Light,** yd., 6c.; \$3.30 per piece of 60 yards.
- Medium,** yd., 10c.; \$5.40 per piece of 60 yards.
- Heavy (Waterproof).** Per yd., 14c.; \$5.20 per piece of 40 yards.



GALVANIZED WIRE NETTING

Galvanized after woven, which makes it almost equivalent to wire one number heavier.

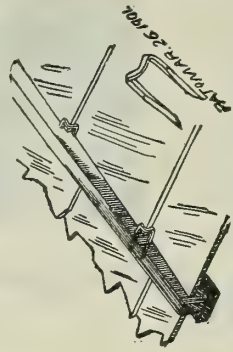
2-inch Mesh, No. 19 Wire, 150 Running Feet per Bale

| Wide | Price | Wide | Price |
|--------|--------|--------|--------|
| 12 in. | \$0.90 | 42 in. | \$2.85 |
| 18 in. | 1.25 | 48 in. | 3.15 |
| 24 in. | 1.65 | 60 in. | 4.00 |
| 30 in. | 2.00 | 72 in. | 4.50 |
| 36 in. | 2.40 | | |

See price of 1 inch mesh wire opposite. We can also supply Pittsburg Wire Fencing. Send for prices.

PEERLESS GLAZING POINTS

Made of zinc, can be used on right or left hand side of sash bar. 3 sizes.



No. 1 for single thick glass.

No. 2 for single thick glass.

No. 2½ for double thick glass.

Price, 60c. per 1000 (by mail, 76c.).

Pincers. For driving Peerless Points. 50c. per pair.

SIEBERT'S GLAZING POINTS

5/8 and 7/8 inches long. 40c. per lb.; 10 lbs., \$3.75.

There are between 1000 and 1200 points in a lb. of the above.

MODEL GLAZING POINTS

45c. per lb.; 10 lbs. \$4.00.

ZINC GLAZING NAILS

20c. per lb.; 10 lbs., \$1.85.



6-Wheel Glass Cutter

GLASS CUTTERS

- Single Wheel, steel, each\$0.15
- 6-Wheel, steel, each35
- Diamond (ebony handle) 3.00
- “ (cocoa handle), extra large diamond 4.00

PUTTY BULBS

For distributing putty, mastica, and similar materials.

Price \$1.00

MASTICA MACHINE

For distributing mastica, etc. Made of zinc and will last a lifetime.

Price \$1.25

MASTICA

For glazing greenhouses, new or old. One gallon will cover about 300 running feet.

- ½ gallon\$0.75
- 1 “ 1.35
- 5 “ 6.50

TWEMLOW'S PUTTY

Superior to putty, more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

PRICES

- 16-lb. can\$1.50
- 50 lbs. 4.50
- 80 lbs. 7.25

HAMMOND'S GREENHOUSE WHITE

A very superior white lead paint. 1 gal., \$1.90

GLASS CLAMPS

For supporting broken lights of glass. Per box of 100\$1.10

FUMIGATORS

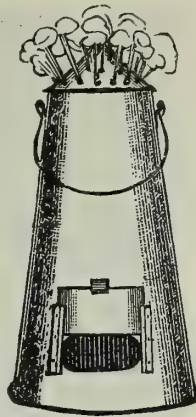
Perfection Make

Fitted with a water tank to prevent burning out.

- No. 1 for house 12x40 ft. \$3.00
- 2 “ “ 15x100 ft. 3.50
- 3 “ “ 20x100 ft. 4.00
- 5 “ “ 20x150 ft. 5.50

Eureka Make

- No. 1 for house 10x20 ft. \$1.25
- 2 “ “ 12x40 ft. 1.75
- 3 “ “ 15x100 ft. 2.25
- 4 “ “ 20x100 ft. 3.25



Eureka

VAPORIZING LAMP



Practical and indestructible, all metal, burns kerosene, used for dispensing fumes of Nicotinic, Tobacco and other preparations of this sort. 50c. each.

CAMPBELL'S SULPHUR VAPORIZER

This apparatus is designed to safely vaporize sulphur in greenhouses; to kill mildew and other fungus diseases affecting roses, vines, cucumbers, tomatoes, chrysanthemums, strawberries, peaches, and, in fact, any plant; also destroys red spider infesting vines, crotons, asparagus, fern and other plants.



Sulphur Vapor.

No. 2—Capacity, 6 ozs. of sulphur; sufficient for a house of 10,000 cubic feet capacity. Price, \$7.75.

PARTS FOR CAMPBELL SULPHUR VAPORIZERS

- Sulphur Receptacles, each, \$2.50.
- Glass Balls. Each, 3c.; 30c. dozen.
- Wicks, for either size, 20c. yard.

DORRANCE SULPHUR BURNER

An excellent Apparatus for dispensing sulphur fumes. Made entirely of copper; indestructible and will last forever. Price, \$5.50.



GRAFTING TOOL

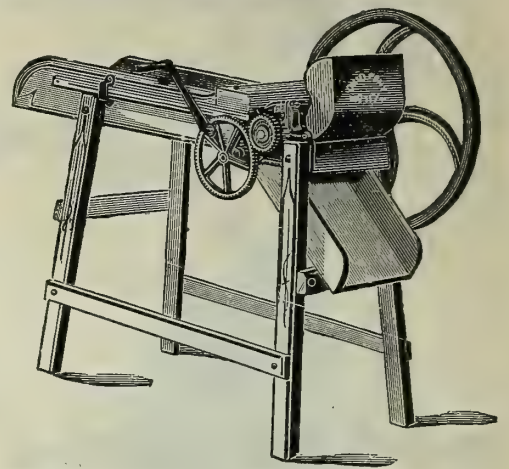
Best English steel for grafting trees, etc. With Wood Handle\$0.75 With Steel Handle60



GRAFTING WAX

¼ lb., 10c.; 15c. ½ lb.; 1 lb., 25c.; \$1.10 per 5 lbs.

OHIO HAY CUTTER



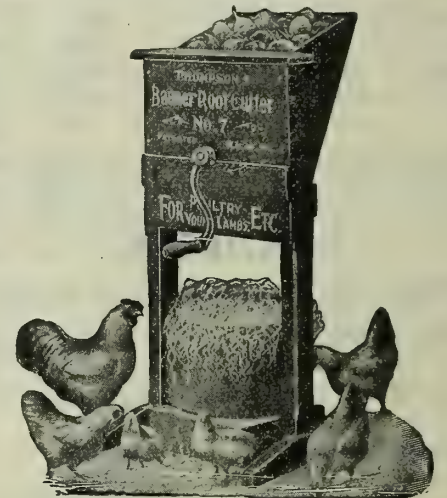
This is considered the finest machine in the market for cutting hay, ensilage, etc.

Price: Single knife machine, \$12.00; \$18.00 for double knife machine.

P.S.—The above cut represents a large three-knife machine.

Mann's Clover Cutter. Plain, \$8.00; on stand, \$10.00.

This is used for poultry purposes only, for cutting clover hay.



No. 7 Banner Root Cutter

ROOT CUTTERS

It is a well-known fact that Mangels, Carrots, etc., cut up in the form in which these machines leave them, are one of the great requisites for the poultry in Winter.

- Price: No. 7 Banner \$5.00
- “ “ 16 “ 12.00
- “ “ 20 “ 9.00
- Ames Root Cutter 12.00

"FARMERS' FAVORITE" FEED COOKER

- No. Cap. gals.
- 1 25 \$10.00
- 2 30 10.50
- 3 40 12.00
- 4 50 13.00
- 5 75 15.00
- 6 100 17.00



The above prices are for the Cooker complete, for burning wood, consisting of stove, or fire box, galvanized steel boiler with four handles and cover, one length of

6-in. stove pipe and damper and one 6-in. elbow. Coal grate and lining \$3.50 additional.



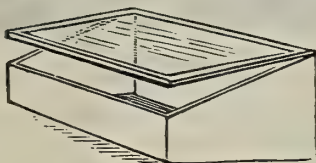
SUNLIGHT SASH

These are made with a double glass facing, one on the bottom, another on the top. It is claimed by the manufacturer where these are used, hot bed mats are unnecessary. In one size only, 3 feet wide, 6 feet long.

Prices, f. o. b. Philadelphia:
Plain, Unglazed\$2.25
Glazed and Painted 4.25
 Crating Glazed Sunlights, 25c each extra.

HOT BED SASH

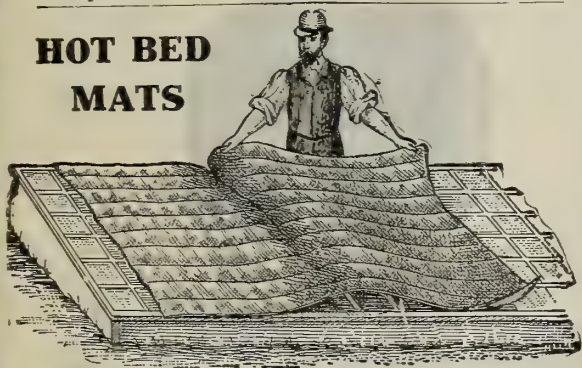
Made of best quality cypress. Size, 3 ft. 1½ in. wide, 6 feet long.
Plain, not glazed or painted. Each, \$1.40; \$15.00 per doz.
Glazed, painted, puttied glass. Each, \$3.25; \$37.50 per doz.
Factory packing charges on Glazed sash only, 10c. each; per doz., \$1.20 extra.



SEED FRAMES

For raising seeds sown early in the house. 12 x 20 in. \$1.25 each; 12 x 16 in., \$1.00 each, complete.

HOT BED MATS



The Burlap, and Duck and Burlap are the best mats that it is possible to procure. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

Burlap. 76 x 76 inches, covering two regular size sash. Each, \$1.50; doz., \$17.00.

Burlap. 40 x 76 inches, for one sash. Each, \$1.00; doz., \$11.00.

Duck and Burlap. This style is waterproofed on one side. 40x76 inches. Each, \$1.25; doz., \$14.00.

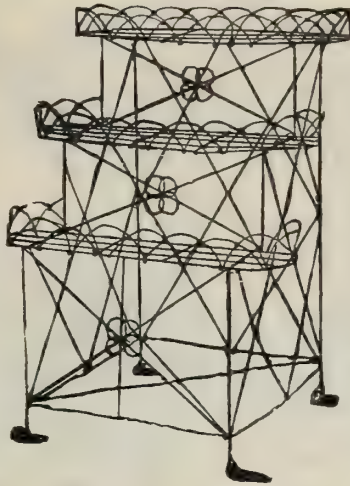
Duck and Burlap. 76 x 76 inches. Each, \$1.75; doz., \$20.00.

We can supply the following mats any length desired.

Duck and Burlap. 76 inches wide at 30c. per running foot.

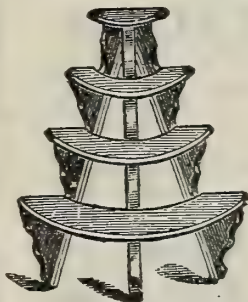
Plain Burlap. 76 inches wide at 26c. per running foot.

Straw Mats. 3 x 6 feet.....\$1.00 \$11.00
 " " 6 x 6 feet..... 1.50 16.00



Square Wire Stand

WOODEN PLANT STANDS



Nicely varnished, finished natural color, half round shape.
 3 shelf\$1.25

WIRE PLANT STANDS

These are painted green and touched off with bronze.
 1 shelf square: \$2.25 2 shelf half rd. ..\$3.00
 2 " " .. 3.00 3 " " .. 4.00
 3 " " .. 4.00

IRON PLANT STANDS

You can tilt and set your plants at any angle desired to produce the proper decorative effect. Enameled green.

SUPERIOR STYLE

| Height | Size of Plates | Price Each | Per Doz. |
|---------|----------------|------------|----------|
| 12 inch | 5 x 7 | \$0.85 | \$9.00 |
| 18 | 5 x 7 | .95 | 10.00 |
| 18 | 8 x 10½ | 1.05 | 11.75 |
| 24 | 8 x 10½ | 1.15 | 13.00 |
| 24 | 8 x 12 | 1.25 | 14.25 |
| 30 | 8 x 10½ | 1.35 | 14.75 |
| 30 | 8 x 12 | 1.45 | 15.75 |
| 36 | 8 x 10½ | 1.55 | 15.75 |
| 36 | 8 x 12 | 1.65 | 16.75 |
| 42 | 8 x 10½ | 1.75 | 16.75 |
| 42 | 8 x 12 | 1.80 | 18.00 |
| 48 | 8 x 12 | 1.85 | 19.50 |
| 60 | 8 x 12 | 1.95 | 20.75 |
| 72 | 8 x 12 | 2.05 | 22.00 |

STAR STYLE

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.

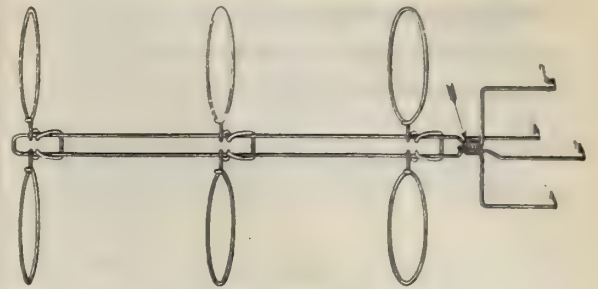
| Height | Price Each | Per Doz. |
|----------------|------------|----------|
| 12 inches high | \$0.70 | \$7.70 |
| 18 " " | .80 | 8.80 |
| 24 " " | .95 | 10.50 |
| 30 " " | 1.15 | 12.25 |
| 36 " " | 1.40 | 15.50 |
| 42 " " | 1.55 | 16.50 |

Extra Plates for Superior Stands

| Height | Price Each | Per Doz. |
|---------|------------|----------|
| 5 inch | \$0.30 | \$3.30 |
| 7 " " | .35 | 3.75 |
| 8 " " | .50 | 5.50 |
| 10½ " " | .55 | 6.00 |
| 12 " " | .65 | 7.00 |

Extra Plates for Star Stands

| Diameter | Price Each | Per Doz. |
|----------------|------------|----------|
| 5 inches diam. | \$0.25 | \$2.85 |
| 7 " " | .40 | 4.40 |
| 10½ " " | .50 | 5.50 |



Müller Carnation Support

MÜLLER'S DOUBLE SUPPORT

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 75c.; \$4.50 per 100; per 1000, \$42.00.

RICHMOND CARNATION SUPPORT

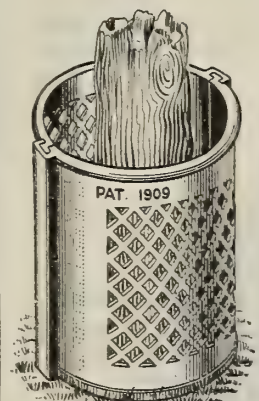
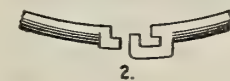
This is now the most popular support that there is, it can be put together in a minute, and is always satisfactory.

| | Per Doz. | 100 | 1000 |
|-------------------------------|----------|--------|-------|
| No. 11. 29 in., 3 ring double | \$0.65 | \$4.50 | 42.50 |
| No. 11. 29 in., 3 ring single | .50 | 3.50 | 32.00 |

"MODEL" CARNATION SUPPORTS

| | Per doz. | 100 | 1000 |
|--------|----------|--------|---------|
| 2 Ring | \$0.45 | \$3.00 | \$27.50 |
| 3 Ring | .55 | 3.50 | 32.50 |

VICTOR TREE GUARD



In the fall and winter months many trees are ruined by rabbits which bark the trees. In the spring this is done by lawn mowers, sickles, etc., cutting and bumping them. The Victor Guard is designed to overcome this, which it does most effectually. It is in two parts, can be put together or taken off instantly; no bolts or screws; height 8 inches, 6 inches diam.; painted dark green.

Price, \$1.00 each; Victor Tree Guard 12 for \$11.00.

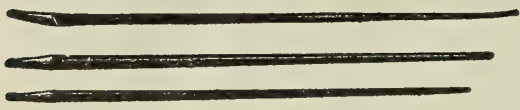
WIRE TREE GUARD

Carefully galvanized, thoroughly made, 9 inches diameter. \$1.25 each; per doz., \$13.50.

No 4 IRON TREE GUARD

(See Cut)
 12 in. diameter, 6 ft. high.
 Price, \$2.50 each; per doz., \$27.50.





GREEN TAPERING STAKES

| | Each | Doz. | 100 |
|------------------|--------|--------|--------|
| 1½ feet tapering | \$0.02 | \$0.17 | \$1.00 |
| 2 " " | .03 | .28 | 1.70 |
| 2½ " " | .04 | .39 | 2.40 |
| 3 " " | .05 | .51 | 3.20 |
| 3½ " " | .06 | .63 | 4.00 |
| 4 " " | .07 | .75 | 4.80 |
| 5 " " | .08 | .88 | 5.60 |

**ROSE OR DAHLIA STAKES
ROUND TAPERING STYLE**

| | Each | Doz. | 100 |
|--------|--------|--------|--------|
| 3 feet | \$0.08 | \$0.75 | \$4.85 |
| 3½ " " | .09 | .88 | 5.68 |
| 4 " " | .10 | 1.10 | 6.50 |
| 5 " " | .12 | 1.25 | 8.15 |
| 6 " " | .15 | 1.55 | 9.80 |

**GALVANIZED WIRE STAKES
No. 10 Wire, light**

| | Doz. | 100 | 1000 |
|-------------|--------|--------|--------|
| 2 feet long | \$0.12 | \$0.60 | \$5.00 |
| 2½ " " | .15 | .75 | 6.25 |
| 3 " " | .18 | .90 | 7.75 |
| 3½ " " | .22 | 1.10 | 9.00 |
| 4 " " | .25 | 1.25 | 10.50 |
| 4½ " " | .30 | 1.35 | 12.00 |
| 5 " " | .35 | 1.50 | 13.00 |
| 6 " " | .40 | 1.75 | 14.25 |

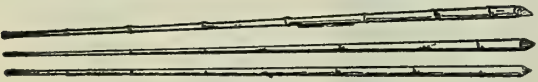
No. 8 Wire, heavy

| | Doz. | 100 | 1000 |
|-------------|--------|--------|---------|
| 4 feet long | \$0.30 | \$1.70 | \$14.00 |
| 4½ " " | .35 | 1.85 | 15.00 |
| 5 " " | .40 | 2.00 | 16.00 |
| 6 " " | .45 | 2.25 | 18.00 |

DOWELS OR STAKES

| Length | Diam. | Doz. | 100 | 1000 |
|--------|---------|--------|--------|--------|
| 24 in. | 3/8 in. | \$0.12 | \$0.70 | \$5.25 |
| 36 " | 1/4 " | .15 | .85 | 6.50 |
| 36 " | 5/16 " | .15 | .85 | 6.50 |
| 36 " | 3/8 " | .15 | .85 | 6.50 |
| 36 " | 5/8 " | .20 | 1.25 | 9.00 |
| 42 " | 1/2 " | .20 | .95 | 7.50 |
| 42 " | 3/4 " | .20 | .95 | 7.50 |
| 42 " | 1 1/8 " | .20 | .95 | 7.50 |
| 42 " | 3/8 " | .20 | .95 | 7.50 |
| 42 " | 5/8 " | .25 | 1.35 | 11.00 |

The above are plain stakes, if wanted dyed green add 5c. per doz.; 15c. per 100; per 1000, \$1.00 to the above prices.



CANE STAKES

| | Doz. | 100 | 250 | 1000 |
|---------------------------------------|--------|--------|--------|--------|
| Southern, 8 to 9 feet long | \$0.25 | \$1.00 | \$2.25 | \$8.00 |
| Japanese, very thin, 5 to 6 feet long | .25 | 1.00 | 2.25 | 8.00 |

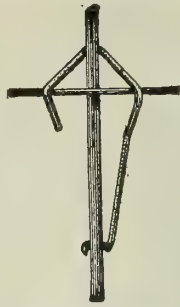
JAPANESE GREEN CANE STAKES

These are treated with a coloring that is permanent, making a very attractive stake for all purposes where it is heavy enough. We have these in 3½ foot lengths only. Price, 15c. per doz.; per 100, \$1.00; \$8.25 per 1000.

HYACINTH STAKES

Used for staking hyacinths, tulips and slender plants.

| | Doz. | 100 | 1000 |
|----------------|--------|--------|--------|
| 12 inches long | \$0.05 | \$0.25 | \$1.50 |
| 18 " " | .08 | .40 | 2.00 |



Cort's Stake Fastener



Blake Lock Clip

STAKE FASTENERS

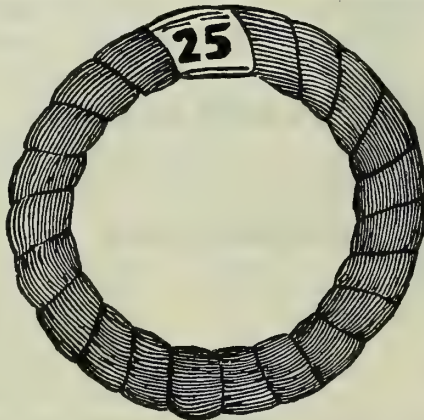
These take the place of string entirely, lasting several seasons, used for fastening cross wires to galvanized stakes.

| | 500 | 1000 |
|--------------------|--------|--------|
| Blakes. Lock Clips | \$0.85 | \$1.60 |
| Corts. Heavy | 1.75 | 3.25 |
| " Light | 1.00 | 1.90 |

SQUARE PLANT STAKES

These are painted green and nicely tapered and finished.

| | Each | Doz. | 100 |
|---------|--------|--------|--------|
| 1½ feet | \$0.02 | \$0.12 | \$0.85 |
| 2 " " | .02 | .20 | 1.25 |
| 2½ " " | .03 | .30 | 1.75 |
| 3 " " | .04 | .40 | 3.00 |
| 3½ " " | .05 | .50 | 3.25 |
| 4 " " | .06 | .60 | 4.00 |
| 5 " " | .07 | .75 | 5.50 |
| 6 " " | .10 | 1.00 | 6.50 |



WIRE

Price subject to change
GALVANIZED

| | lb. | 12 lb. Stone |
|--------|--------|--------------|
| No. 16 | \$0.10 | \$0.85 |
| No. 18 | .11 | 1.00 |
| No. 19 | .12 | 1.10 |
| No. 20 | .13 | 1.15 |
| No. 22 | .14 | 1.30 |
| No. 24 | .15 | 1.50 |

ANNEALED

| | | |
|---------------|--------|--------|
| No. 16 | \$0.08 | \$0.70 |
| No. 18 | .09 | .80 |
| No. 20 | .10 | .85 |
| No. 22 | .11 | .90 |
| No. 24 | .12 | 1.10 |
| No. 19 Tinned | .11 | .90 |

TINNED WIRE

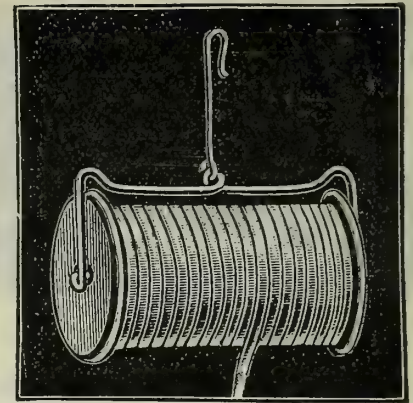
No. 19, 11c. lb.; per 12 lb. stone, 90c.
In 10-lb. boxes, cut 8½ inches, 15c. per lb.; per box, \$1.40.

CUT BOUQUET WIRE

For Funeral Work, Stemming Flowers, Etc.

Cut 9 or 12 inches in length.

| | |
|-----------------------------------------|--------|
| No. 20, 12c. per lb.; per box, 12 lbs., | \$1.30 |
| No. 22, 14c. per lb.; per box, 12 lbs., | 1.40 |
| No. 24, 15c. per lb.; per box, 12 lbs., | 1.50 |



RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong, it is about 1/8 inch wide and is put up in 250 yard spools or reels. There is no waste as the reel is fitted with a small hook which permits it to be hung from a button-hole, and it can thus be drawn off exactly as needed. Color, Nile-green.

Per reel of 250 yards, 75c.
6 reels, \$4.25; 12 reels, \$8.00.

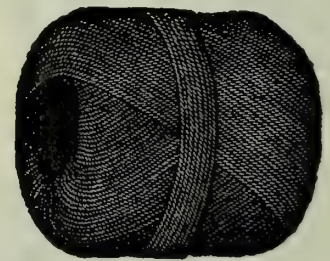


RAFFEA

For tying, basket making and fancy work, very long and fibrous.

Natural Color. Price, 20c. per lb.; 5 lbs. for 90c.

Colored. In all shades. 15c. per 1/4 lb.; 1 lb., 50c.; \$2.25 for 5 lbs.



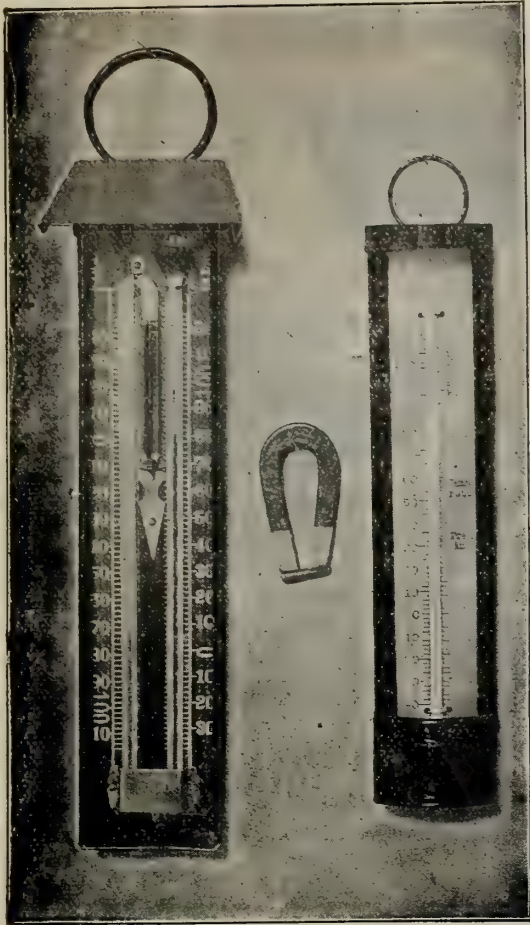
TWINES, ETC.

| | Ball | lb. |
|-----------------------------|--------|--------|
| No. 12 Light Italian Twine | \$0.20 | \$0.40 |
| No. 18 Medium Italian Twine | .20 | .40 |
| No. 24, Heavy Italian Twine | .20 | .40 |
| No. 36, Heavy Italian Twine | .20 | .35 |
| 2 ply, 3 ply and 5 ply Jute | .10 | .20 |
| Linen Bouquet | .08 | .45 |
| Boston Linen, 2 and 3 ply | .20 | .35 |
| Green Sea Island | .10 | .45 |
| Special Thin White Cotton | .08 | .30 |
| 2 ply Texas White Cotton | .07 | .30 |
| Tarred, for Mat Making | .20 | |
| Tarred Sisal for Fodder | | .12 |
| Binder (5-lb. ball) | .75 | |
| Express, very heavy | .20 | |

Green Silkline. For stringing Smilax and Asparagus.

Price per spool, 25c.
Price, per lb. (8 spools) (Coarse or fine) 1.50

Green Linen (substitute for Silkline), very similar to the above, fast color. Price, 20c. per ball; 85c. per lb.



THERMOMETERS

FOR GREENHOUSE, CONSERVATORY, Etc.

Maximum and Minimum, registering the coldest and the warmest point during previous evening.

8 inch, \$3.25; 10 inch, \$3.75.

THREE POINT TEST

This thermometer is positively accurate and may be depended upon at all times.

| | Each | Doz. |
|------------------|--------|--------|
| 8 inch, Tin Case | \$0.50 | \$5.50 |
| 10 " " " | .65 | 7.25 |
| 12 " " " | 1.00 | 11.00 |
| 8 " Copper Case | .85 | 8.50 |
| 10 " " " | 1.00 | 11.00 |

STANDARD

| | | |
|------------------|--------|--------|
| 7 inch, Tin Case | \$0.15 | \$1.50 |
| 8 " " " | .20 | 2.00 |
| 10 " " " | .25 | 2.50 |
| 12 " " " | .30 | 3.00 |



MUSHROOM OR HOT BED THERMOMETERS

Iron Point Each, \$1.25
Brass Point " 1.50



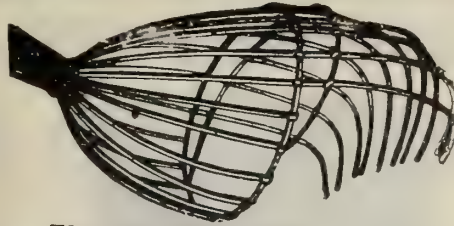
GLASS DAIRY THERMOMETERS

For testing milk, etc., can also be used for soil purposes. 25c. each; per doz., \$2.50.

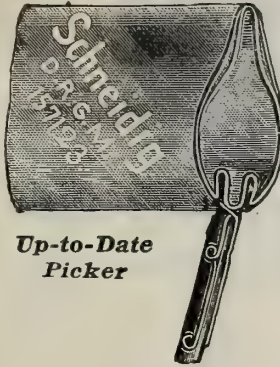
ELECTRIC THERMOSAT AND THERMOMETER

This device can be set to ring an alarm when the temperature goes above or drops below a desired point, absolutely reliable, all brass, Regular style, \$7.00, Waterproof style, \$11.00.

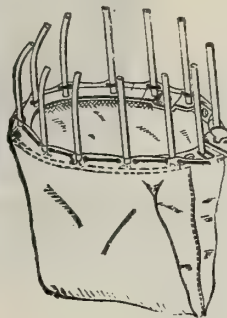
We can also supply Incubator and brooder Thermometers.



The Boss Wire Fruit Picker



Up-to-Date Picker



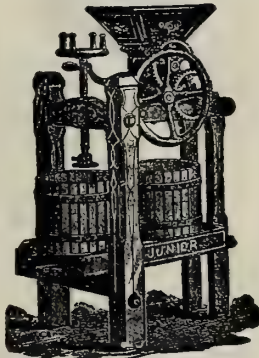
Crider Picker

FRUIT PICKERS

| | | |
|------------|-------|--------|
| Boss | each, | \$0.35 |
| Up-to-Date | " | .25 |
| Crider's | " | .50 |

POLES FOR FRUIT PICKERS

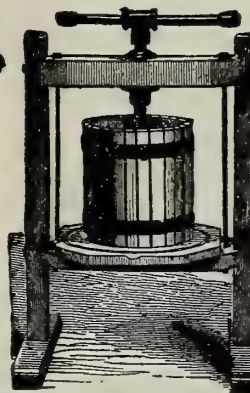
12 feet long, 1 1/4 in. diam., 45c



Cider Mill

CIDER MILLS

| | | |
|-----------|-----------|---------|
| Junior | ... | \$12.00 |
| Medium | ... | 16.00 |
| Senior | ... | 21.00 |
| " | For | |
| " | power use | 25.00 |
| Gem No. 0 | ... | 8.00 |
| " No. 1 | ... | 10.00 |



Wine Press

WINE PRESSES

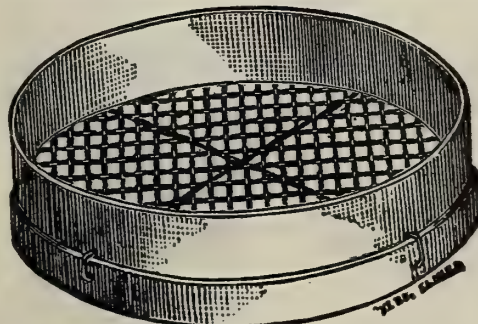
Made of best quality wood, carefully bolted and finished.

| | | |
|-----------|-------|--------|
| No. 1 | ..... | \$4.00 |
| No. 2 | ..... | 5.00 |
| No. 2 1/2 | ..... | 5.75 |
| No. 3 | ..... | 6.25 |

GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit.

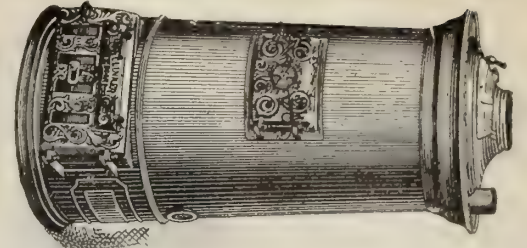
Price\$3.00



SIEVES (ANY SIZE MESH)

Made extra well, of galvanized wire and hard wood.

| | | |
|-------------------------------|-------|--------|
| 20 inch Foundry (extra heavy) | ... | \$0.95 |
| 20 inch Regular wire | ..... | .85 |
| 18 inch Regular wire | ..... | .75 |
| 16 inch Regular wire | ..... | .65 |



HOT WATER STOVES

IDEAL, Jr. (See cut.)

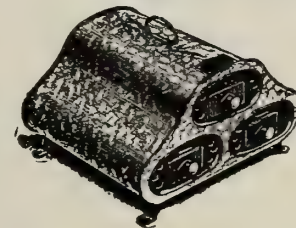
| No. | Direct Radiation | Capacity of Tank | Price |
|--------|------------------|------------------|---------|
| No. 0 | 75 sq. ft. | 100 gallons | \$18.00 |
| No. 10 | 150 " | 150 " | 27.25 |
| No. 12 | 175 " | 250 " | 34.00 |
| No. 20 | 225 " | 300 " | 38.00 |

CLAD'S IMPROVED

| No. | Capacity of in. Pipe | Radiation | Price |
|-------|----------------------|------------|---------|
| No. 0 | 150 ft. | 50 sq. ft. | \$10.50 |
| No. 1 | 200 " | 75 " | 13.25 |
| No. 2 | 400 " | 150 " | 20.00 |
| No. 4 | 600 " | 300 " | 26.00 |

Send for full descriptive list on hot water stoves; state which style.

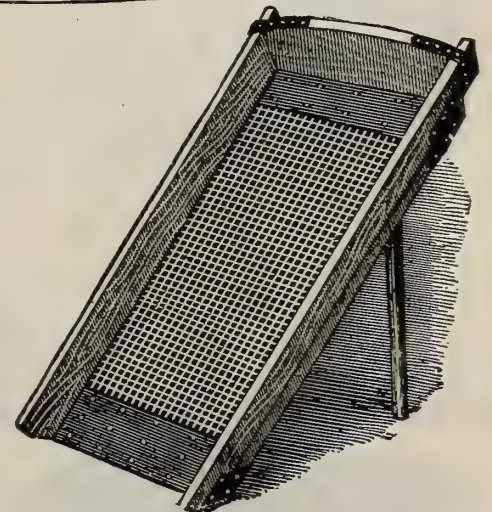
CARRIAGE AND AUTOMOBILE HEATERS



These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

| | | | |
|-------|--------------------------------------------------------|-------|--------|
| No. 5 | Single drawer, 14 in. long | ..... | \$2.25 |
| 5B | " " " covered | | |
| | with Brussels carpet | ..... | 2.75 |
| 5C | Single Drawer, 14 in. long, covered with Velvet carpet | ..... | 3.00 |
| 7B | 20 in., Brussels carpet | ..... | 4.50 |
| 7C | 20 in., with Velvet carpet | ..... | 5.00 |
| 10 | Three drawers. (See cut.) | ..... | 7.25 |

Coal for Auto Heaters. 75c. per doz. bricks; per 100, \$6.00.
Tongs for Handling Hot Coals. 25c. Illustrated circular on request.



Large Upright Sieve for soil, gravel, sand, etc. Made in any size mesh, of extra heavy foundry wire, \$7.50 each.

SOD CRUSHER AND SOIL PULVERIZER

These machines are equipped with a hopper, and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding the necessity to sift.

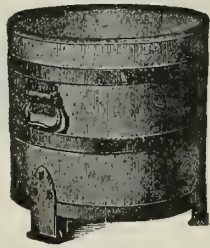
No. 1 \$10.00 | No. 2 \$15.00 | No. 3 \$25.00

PLANT TUBS, FLOWER POTS, SAUCERS, Etc.

CEDAR TUBS

Equipped with Black Iron Hoops.

These are made by hand, of the very best white cedar painted green. They will be found very much superior to lower priced cedar tubs.



Cedar Plant Tub

| No. | Outside diam. | Length of stave outside | Price |
|--------|---------------|-------------------------|--------|
| No. 0. | 27 inches | 24 inches | \$5.50 |
| No. 1. | 25 " | 22 " | 5.00 |
| No. 2. | 23 " | 20 " | 4.50 |
| No. 3. | 21 " | 18 " | 4.00 |
| No. 4. | 19½ " | 16 " | 3.00 |
| No. 5. | 18 " | 14 " | 2.75 |
| No. 6. | 16½ " | 13 " | 2.25 |
| No. 7. | 15 " | 12 " | 2.00 |
| No. 8. | 12 " | 10 " | 1.75 |

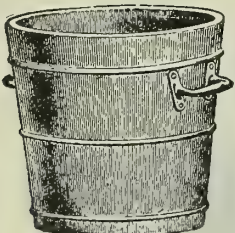
CEDAR PLANT TUBS

With Galvanized Iron Hoops

These hoops are much more substantial than the regular black iron and are well worth the difference; furnished only on order; not carried in stock.

| No. | Galvan. Hoops | Price |
|--------|---------------|--------|
| No. 0. | | \$6.00 |
| No. 1. | | 5.50 |
| No. 2. | | 4.90 |
| No. 3. | | 4.40 |
| No. 4. | | 3.35 |
| No. 5. | | 3.10 |
| No. 6. | | 2.55 |
| No. 7. | | 2.30 |
| No. 8. | | 1.95 |

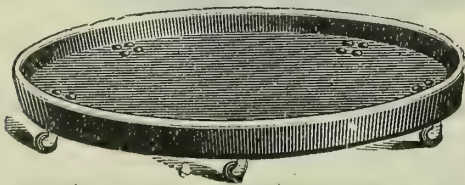
MICHELL'S KEYSTONE PLANT TUBS



Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 10c. per pair, specify when wanted that way.

| No. | Inside Diam. | Depth | Each |
|-----|--------------|-----------|--------|
| 0. | 11 inches | 10 inches | \$0.70 |
| 7. | 12 " | 11 " | .80 |
| 8. | 13 " | 12 " | .90 |
| 9. | 14 " | 13 " | 1.00 |
| 10. | 15 " | 14 " | 1.25 |
| 11. | 16 " | 15 " | 1.35 |
| 12. | 17 " | 16 " | 1.50 |
| 13. | 18 " | 17 " | 1.75 |
| 14. | 19 " | 18 " | 2.00 |

ROLLING STANDS (Wood Fibre)



| Will fit Pot | Tub | No. | Each | Doz. |
|--------------|--------|-------|--------|--------|
| 12 inches | 10 in. | No. 8 | \$0.53 | \$6.00 |
| 14 " | 12 " | " 8 | .63 | 7.20 |
| 16 " | 14 " | " 8 | .78 | 9.00 |
| 18 " | 16 " | " 7-6 | .88 | 10.00 |
| 20 " | | " 5 | 1.05 | 12.00 |
| 22 " | | " 4 | 1.31 | 15.00 |



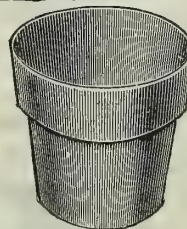
WOOD FIBRE PLANT TUBS

Complete, with saucers.

| Size | Green Enameled | Mahogany Color |
|---------|----------------|----------------|
| 10 inch | \$0.95 | \$0.63 |
| 12 " | 1.15 | .75 |
| 14 " | 2.00 | 1.50 |
| 18 " | 4.73 | 3.95 |

EARTHEN FLOWER POTS

Our Earthen Flower Pot stock is very large. We carry a full line of sizes at all times.



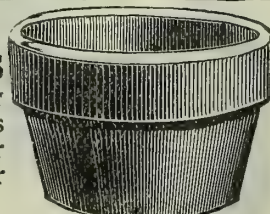
| Height and Width Inside | Each | Doz. | 100 | 1000 |
|-------------------------|--------|--------|--------|--------|
| 2 inches | \$0.01 | \$0.07 | \$0.50 | \$3.96 |
| 2¼ " | .01 | .08 | .56 | 4.45 |
| 2½ " | .02 | .09 | .69 | 5.45 |
| 3 " | .02 | .11 | .88 | 6.93 |
| 3½ " | .02 | .14 | 1.06 | 8.41 |
| 4 " | .02 | .18 | 1.38 | 10.89 |
| 4¼ " | .03 | .20 | 1.56 | 12.37 |
| 4½ " | .03 | .24 | 1.88 | 14.85 |
| 5 " | .03 | .32 | 2.50 | 19.80 |
| 5½ " | .05 | .41 | 3.13 | 24.75 |
| 6 " | .05 | .49 | 3.75 | 29.70 |
| 6½ " | .07 | .62 | 4.80 | 44.00 |
| 7 " | .08 | .78 | 6.00 | 55.00 |
| 8 " | .11 | 1.09 | 8.40 | 77.00 |
| 9 " | .16 | 1.56 | 12.00 | 110.00 |
| 10 " | .22 | 2.11 | 16.20 | 148.50 |
| 11 " | .29 | 2.81 | 21.60 | |
| 12 " | .40 | 3.90 | 30.00 | |
| 14 " | .80 | 7.80 | 60.00 | |
| 16 hand made | 1.50 | 13.50 | | |

PAPER FLOWER POTS

| Size | Doz. | 100 | 1000 |
|-----------|--------|--------|--------|
| 2¼ inches | \$0.08 | \$0.35 | \$3.00 |
| 2½ " | .10 | .40 | 3.25 |
| 3 " | .12 | .55 | 4.50 |
| 3½ " | .18 | .70 | 6.00 |
| 4 " | .20 | .95 | 7.50 |
| 5 " | .25 | 1.40 | 12.50 |
| 6 " | .30 | 1.80 | 17.00 |

EARTHEN BULB PANS

These are fine for planting with bulbs of various kinds or for ferns and other compact plants.



| Diam. Inside | Each | Doz. | 100 |
|--------------|--------|--------|--------|
| 6 inches | \$0.07 | \$0.68 | \$3.75 |
| 7 " | .08 | .80 | 6.00 |
| 8 " | .11 | 1.00 | 7.00 |
| 9 " | .15 | 1.50 | 10.50 |
| 10 " | .20 | 2.00 | 13.50 |
| 12 " | .30 | 3.25 | 23.00 |
| 14 " | .65 | 7.00 | 50.00 |
| 16 " | .90 | 9.50 | 70.00 |
| 18 " | 1.75 | 19.00 | 150.00 |

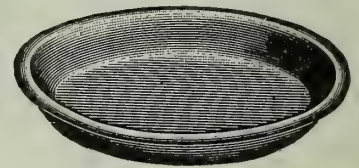


Seed Pan

SEED PANS

Earthenware

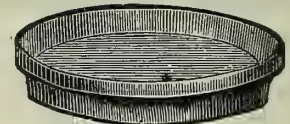
| Inches | Each | Doz. |
|--------|--------|--------|
| 6 | \$0.20 | \$2.00 |
| 8 | .25 | 2.50 |
| 10 | .30 | 3.00 |
| 12 | .40 | 3.50 |



WOOD FIBRE SAUCERS

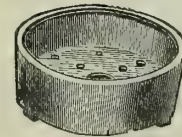
Extremely desirable on account of being absolutely waterproof. Plants put on these can be stood on the finest covering or wood-work without damage; they are also unbreakable.

| Size | Each | Doz. | 100 |
|----------|--------|--------|--------|
| 4 inches | \$0.11 | \$1.24 | \$9.27 |
| 5 " | .11 | 1.27 | 9.54 |
| 6 " | .12 | 1.32 | 9.90 |
| 7 " | .13 | 1.44 | 10.80 |
| 8 " | .14 | 1.56 | 11.70 |
| 9 " | .15 | 1.73 | 12.96 |
| 10 " | .16 | 1.80 | 13.50 |
| 12 " | .19 | 2.16 | 16.20 |
| 14 " | .25 | 2.88 | 21.60 |
| 16 " | .44 | 5.04 | 37.80 |
| 18 " | .50 | 5.76 | 43.20 |



EARTHENWARE SAUCERS

| Size | Each | Doz. | 100 |
|----------|--------|--------|--------|
| 4 inches | \$0.02 | \$0.15 | \$1.12 |
| 5 " | .03 | .18 | 1.40 |
| 6 " | .04 | .24 | 1.88 |
| 7 " | .05 | .31 | 2.40 |
| 8 " | .06 | .47 | 3.60 |
| 9 " | .08 | .62 | 4.80 |
| 10 " | .09 | .78 | 6.00 |
| 11 " | .11 | .94 | 7.20 |
| 12 " | .15 | 1.17 | 9.00 |
| 14 " | .25 | 1.95 | 15.00 |



Fern Liner



EARTHEN FERN PANS

These are suitable for putting into deep fern dishes.

| Width | Height | Each | Doz. | 100 |
|---------|-----------|--------|--------|--------|
| 4 in. | 1 7/8 in. | \$0.04 | \$0.31 | \$1.65 |
| 4 3/4 " | 2 1/8 " | .05 | .33 | 2.20 |
| 5 1/2 " | 2 1/4 " | .06 | .41 | 2.75 |
| 6 1/4 " | 2 1/2 " | .07 | .49 | 3.30 |
| 7 " | 2 5/8 " | .09 | .55 | 3.85 |
| 8 " | 3 1/8 " | .11 | .79 | 5.50 |
| 9 " | 3 1/4 " | .15 | .95 | 6.60 |

FERN DISH LINERS

Very shallow, for inside of fancy silver or porcelain ferneries.

| Width | Depth | Each | Doz. | 100 |
|-------|-----------|--------|--------|--------|
| 7 in. | 1 7/8 in. | \$0.12 | \$1.00 | \$6.00 |

FERTILIZERS

This list includes only these used principally at this season. We are headquarters in Philadelphia, and can quote special prices on carload quantities.

Prices Subject to Market Changes



Ashes (Canadian Hard Wood). Apply 1000 lbs. per acre. For top dressing lawns and grass fields it is applied to best advantage either in very early spring or late fall. Our ashes are double screened and of exceptional quality. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; 85c. per 50 lbs.; 100 lbs., \$1.50;

\$2.50 per 200-lb. barrel; 1000 lbs., \$10.00; \$20.00 per ton.

Blood (Dried). Apply 300 lbs. per acre. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.10; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.75 per 200 lbs.

Blood Flour. Apply 200 lbs. per acre. Much like dried blood except that it is finer and acts almost instantly. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.75; \$3.25 per 50 lbs.; 100 lbs., \$6.00; \$11.50 per 200 lbs.



Bone Meal (Michell's Strictly Pure). Apply 600 to 800 lbs. per acre. Made from raw bone, without any addition of materials. Extensively used for lawns, greenhouse and in any case where a moderately slow stimulant fertilizer is wanted. 3 lbs., 15c.; 25c. for 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 200 lbs., \$3.50; \$32.00 per ton.

Bone (Coarse Ground). 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.00 per 200 lbs.; ton, \$35.00.

Bone Flour. Apply 600 lbs. per acre. Very fine, like dust, effective almost immediately, can be used for indoor or outdoor purposes. 5 lbs., 30c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.50 per 200 lbs.; ton, \$40.00.

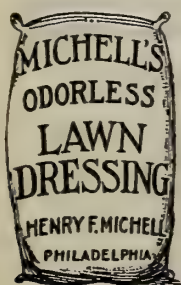
Bonora. It may be used in either dry or liquid form; excellent for greenhouse and pot plants or vegetable forcing. Directions for use are on each package. 25c. per trial pkg. (by mail, 30c.); 50c. per lb. (by mail, 66c.); \$2.50 per 5 lbs.

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 15c. per lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 28 lbs., \$2.00; \$3.50 per 56 lbs.; 112 lbs., \$6.50.

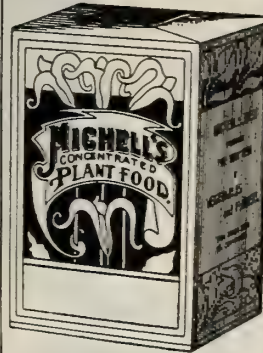


Cow or Cattle Manure (Shredded). One sack of this is equal to one cartload of fresh cow manure, is convenient to handle, making it possible for everyone to get this usually scarce article at all times. In 100-lb. sacks only. \$2.00 per 100 lbs.; 500 lbs. \$9.00; \$16.00 per 1000 lbs.; ton, \$30.00.

Horn Shavings. Used principally for mixing in potting soil, is rich in ammonia; especially valuable in chrysanthemum growing. 10c. per lb.; 5 lbs., 40c.; \$1.75 per 25 lbs.; 50 lbs., \$2.75; \$5.00 per 100 lbs.



Lawn Dressing (Michell's Odorless). Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; 1000 lbs., \$21.00; \$40.00 per ton.



Plant Food (Michell's). A highly concentrated chemical fertilizer for house use. 15c. per 1/2-lb. pkg. (by mail, 24c.); 4 pkgs. by express, collect, 50c.

Plant Food (Bowker's). 1/2-lb. pkgs., 15c. (by mail, 24c.); 1-lb. pkg., 25c. (by mail, 40c.).

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. Analysis, equal to 50% actual potash. 1 lb., 10c.; 35c. per 5 lbs.; 10 lbs., 50c.; \$1.15 per 25 lbs.; 50 lbs., \$1.75; \$3.00 per 100 lbs.; 200 lbs., \$5.50.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute two ozs. to 1 gal. of water and do not apply oftener than twice a week. 8c. lb.; 5 lbs., 25c.; 50c. per 10 lbs.; 25 lbs., \$1.10; \$2.00 per 50 lbs.; 100 lbs., \$3.50; \$6.50 per 200 lbs.; 1/2-ton, \$30.00; \$58.00 per ton.

Poudrette (Native Guano). Apply 1000 lbs. per acre. Extensively used for garden, lawns, in making compost and in fact wherever a good, quick acting fertilizer is wanted. It is odorless and easily handled. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.50; \$2.50 per 200 lbs.; 600 lbs., \$6.00; \$8.00 per 1000 lbs.; per ton, \$15.00.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. Analysis, equal to 50% of actual potash. 10c. per lb.; 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., \$1.50; \$2.25 per 50 lbs.; 100 lbs., \$4.00; \$7.25 per 200 lbs.



Sheep Manure (Wizard Brand). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses sheep manure, it is clean and easily handled, besides giving immediate results. 2 lbs., 15c.; 25c. per 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; per ton, \$30.00.

Soot (Imported Scotch). This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Also destroys insects and grubs that work on and underneath the surface. 10c. lb.; 5 lbs., 35c.; \$1.25 per 25 lbs.; 100 lbs., \$4.00.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. Analysis, equal to 25% of ammonia. 1 lb., 10c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$1.35 per 25 lbs.; 50 lbs., \$2.50; \$4.50 per 100 lbs.

Thomson's Special Manure for Flowers, Vegetables and Vines. Imported from England, this excellent chemical fertilizer is extensively used wherever it is desired to force flowers or vegetables. 15c. lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 28 lbs., \$1.75; \$3.25 per 56 lbs.; 112 lbs., \$6.25.

Thomson's Special Manure for Chrysanthemums. Especially recommended and used by the leading private gardeners of England and America. Very highly concentrated. Can be used in liquid and in dry form. Per 28-lb. sack, \$4.50; \$7.50 per 56-lb. sack.

We can also supply all other Fertilizers. See our General Catalog.

SPRAYING APPARATUS, ETC.

SIMPLEX No. 550 BARREL PUMP



Simplex Pump

This pump is one of the very best sprayers on the market. Fitted with brass cylinders. Will not corrode or rust. Will throw a stream 40 feet. **Plain Pump**, no hose or nozzle or barrel. \$7.50.

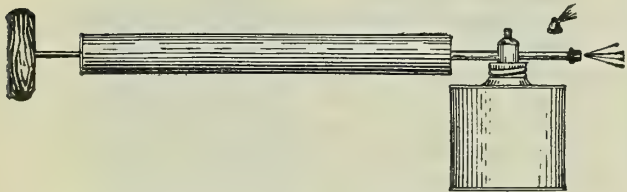
Outfit A—Pump, with 12½ feet hose, fitted with either a Bordeaux or Vermorel nozzle and pole connection for reaching into trees, without barrel. \$10.00.

Outfit B—Pump, with two 12½-foot sections of hose, two Bordeaux or Vermorel nozzles, pole connection, no barrel. \$12.50.

CENTURY BARREL PUMP

A very powerful pump for the orchard. The working parts are entirely of brass; has large air chamber; also a perfect agitator and a long fulcrum link, which enables the operator to work the pump with little effort.

Price, for plain pump, no barrel or hose\$10.50
 Price, complete, with 12½-foot hose and nozzle, no barrel 13.00
 Price, with two 12½ foot leads, hose and nozzles, no barrel 15.00
Barrels, with trunnions ready to mount on truck, with cut head. \$3.25.



AUTOMATIC COMPRESSED AIR SPRAYER

This is the grandest hand sprayer ever offered, very easily operated, especially desirable for ladies to use.

Tineach, \$1.00 | Brasseach, \$2.00



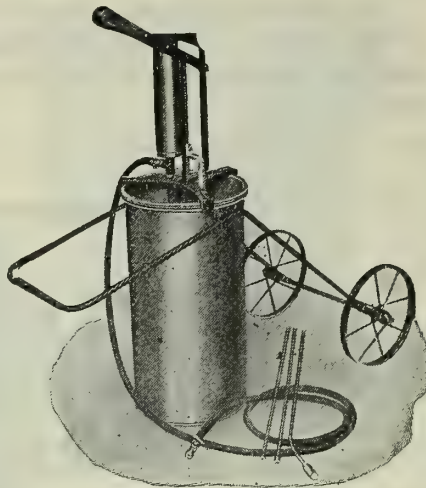
CYCLONE HAND SPRAYERS

Similar to the above except they do not have the automatic air reservoir attachment.

Tineach, \$0.50 | Brasseach, \$1.00

NIAGARA GAS SPRAYER

These machines do away entirely with the pump. A tube of carbonic acid is attached to the reservoir. Price of spraying outfit without gas tube, *Garden and Greenhouse* size, \$45.00. Descriptive circular on larger sizes sent on request.



No. 3 Paragon Sprayer

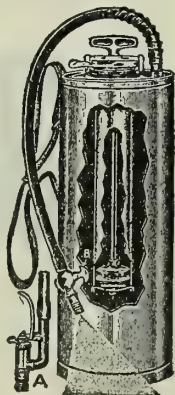
THE PARAGON SPRAYER

is especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir; guaranteed to give absolute satisfaction. Excellent for applying whitewash or cold water paint.

No. 1—With a 5-gal. reservoir, 5-ft. hose and 2 extension pipes, \$10.00.

No. 3—Equipped with a 12-gal. tank mounted on a truck, three 2½-ft. extension pipes, 2 nozzles and 10 ft. of hose, \$15.00.

THE AUTO SPRAY

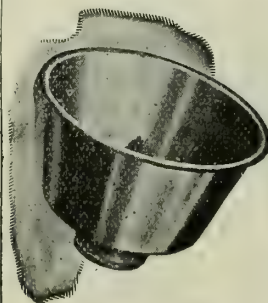


Auto Spray

The Auto Spray is now used by all the large fruit growers for spraying. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 pounds.

Price, Galvanized iron, \$4.50; Brass, \$6.75.

Auto Pop Attachment Controls the flow instantly by a pressure of the hand. When purchased with the machine (omitting other nozzle), \$1.00 extra; when purchased separately, \$1.35.



BRASS STRAINER

For straining whitewash, spraying material, etc. \$1.00 each.

EXTENSION PIPES, Etc.

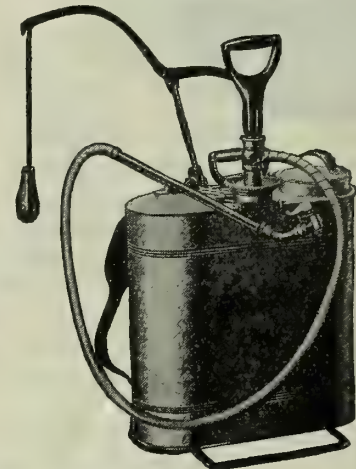
For reaching into trees ¾ in threads.
Bamboo, with brass tube 8 ft.\$2.00
 " " " " 10 ft. 2.50
Galv. Iron, 2 ft. 30
Brass, 2 ft. 45
Pet Cock, for extension pipes 40

DEMING KNAPSACK SPRAYERS

These are elegant for carrying around the garden, among shrubbery, etc., and also for tree work.

Fig. 675. Copper tank, holding about 7 gals., complete, with pump, nozzle and hose\$14.50

Fig. 654. Galvanized tank, holding about 7 gals., complete, with pump, nozzle and hose 9.50

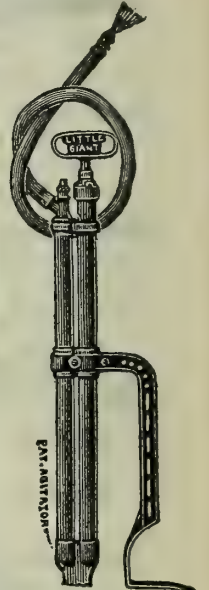


Knapsack Sprayer

MYER'S BUCKET PUMP

This is a double brass chamber arrangement and fills the want of those wanting a medium priced sprayer.

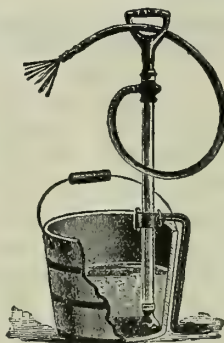
Price \$3.00, includes hose and nozzle.



Myer's Pump

DEMING BUCKET PUMPS

These are made entirely of brass except the foot rest, bucket fastener and hand grip. For years we have sold them with entire satisfaction. The prices below do not include bucket, but include nozzle and 3½ feet of ¾ in. hose.



Success Pump

Success (without bucket fastener) ..\$4.15
Perfect Success (with bucket fastener) 4.75



LEWIS' SHEET BRASS SYRINGE

Capacity about 1 quart, \$1.75.



BRASS SYRINGES

Made of heavy sheet brass which will last many years with a little care.

A—1 stream and spray hose, 12 in. \$2.25
 B—1 " " " " 13 " 3.25
 C—1 " " " " 14 " 3.50
 5—1 " " " " 18 " 6.50
 H—18 in. long, 1½ in. diam. 2.50

INSECT DESTROYERS

Prices subject to Market Changes

Aphine. For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. 40c. per ½ pint; pint, 65c.; \$1.00 per qt.; per gal., \$2.50.

Aphis Punk. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphids, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg., 60c.; \$6.50 per 12 pkgs.

Copper Solution. Excellent spray for carnation rust. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt. 60c.; \$1.75 per gallon.

Fir Tree Oil. Used for destroying mealy bug, red spider, and mild forms of scale. Also to spray for thrip, green fly, etc. It is diluted in water according to directions for various purposes. Per ½ pt., 50c.; 75c. per pint; per qt., \$1.50; \$2.75 per ½ gal.; per gal., \$5.00.

Fir Tree Oil Soap. This is very much like the Fir Tree Oil, except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. Per ½ lb., 25c.; 75c. per 2-lb. can.

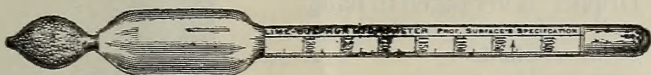
Fungine. An excellent remedy for fungous diseases of all kinds. 75c. per qt.; per gal., \$2.00.

Grape Dust. A powder preparation used for mildew, aphids, black fly, and other insects and fungous diseases, principally in greenhouses. Per 5 lbs., 35c.; 60c. per 10 lbs.; per 25 lbs., \$1.35; \$5.00 per 100 lbs.

Kerosene Emulsion. Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Liquid dilutes 1 part to 20 parts of water. PASTE: Per lb., 20c.; per 5-lb. can, 75c.; per 25-lb. can, \$3.00. LIQUID: Per qt., 40c.; per gal., \$1.00.

Kil-o-Scale destroys and prevents the spread of scale insects of all kinds. Its chief use is the destruction of the San Jose Scale, which prevails in all parts of this country. It is diluted, one part Kil-o-Scale to twenty parts water. Per pt., 30c.; 50c. per qt.; per ½ gal., 75c.; per gal., \$1.25; \$5.00 per 5 gals.; per 25 gals., \$21.25; per 50 gals., \$42.50.

Lime Sulphur (Scalime) For destroying San Jose Scale. This is a concentrated form which is diluted 1 part to 12 or 15 parts water, either hot or cold. May be used as a summer or winter spray, excellent to use as a fungicide. Pt. 15c.; 25c. qt.; ½ gal., 45c.; 75c. gal.; 5 gals., \$2.25; \$3.75 per 10 gals.; 25-gal. bbl., \$6.50; 50-gal. bbl., \$10.50.



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution; one should be in the hands of every man who uses this material. Price, 85c. (Postpaid, \$1.00.) With directions.

Nicoticide. It is very effective in destroying thrip, aphids, white fly, and red spider, etc. Per ¼ pt., 70c.; per ½ pt., \$1.25; per pt., \$2.50; per qt., \$4.50; \$8.25 per ½ gal.; 1 gal., \$15.00. (LAMPS for Nicoticide, 50c. each.)

Nico-Fume (Liquid). This is used in very much the same way as Nicoticide. Per ¼ pt., 50c.; per pt., \$1.50; per ½ gal., \$5.50; per gal., \$10.50.

Nico-Fume. This is a paper treated with nicotine, giving off dense fumes when ignited. Preferred by many who do not wish to spray or vaporize. Per box, 24 sheets, 75c.; per 144 sheets, \$3.50; per 288 sheets, \$6.50.

Nikoteen. One of the milder forms of tobacco or nicotine preparations, usually diluted in water, makes a most satisfactory spray as well as vapor. \$1.50 per pt.; per 10 pts., \$14.00.

Scalecide (Soluble Crude Oil). Used for the destruction of the San Jose Scale. Dilute at the rate of one part Scalecide to 20 parts water. 45c. per qt.; per gal., \$1.00; \$3.25 per 5 gals.; 10 gals., \$6.00; \$16.00 per 30-gal. bbl.; per 30 gal. jacketed tin, \$15.00; \$25.00 per 50-gal. bbl.

Scale Destroyer (Target Brand). This is a preparation similar to Scalecide, but is not a crude petroleum. Dilute at various strengths according to season. Per qt., 35c.; 65c. per ½ gal.; per gal., \$1.00; \$3.75 per 5 gals.; 25 gals., \$12.50; per 50 gals., \$23.00.

Sulphur. Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime. Per lb., 7c.; 30c. per 5 lbs.; 25 lbs., \$1.25; \$4.00 per 100 lbs.



Sulpho-Tobacco Soap. Especially good for destroying scale on palms and other plants. Soluble in warm water. Per 3-oz. package, 10c.; 20c. per 8-oz. package.

Tobacco Dust. Excellent for dusting on Lettuce and other plants to destroy soft, creeping insects. Per lb., 10c.; 25c. per 5 lbs.; per 10 lbs., 45c.; \$1.00 per 25 lbs.; 100 lbs., \$3.50.

Tobacco Dust (Stoothoffs). For either fumigating or dusting. A specially prepared article; state which kind is wanted when ordering. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.35; \$2.25 per 50 lbs.; 100 lbs., \$4.00.

Tobacco Stems (Fresh). Used principally for fumigating and under benches in greenhouses. They may also be steeped in hot water and used as a spray. Per lb., 5c.; 20c. per 5 lbs.; per bu., 50c.; \$1.00 per bbl. bag; per large bale, \$2.00; \$6.50 per half-ton; per ton, \$12.00.

To-Bak-Ine Fumigating Paper. Very much like Aphis Punk, which it resembles. It is used in exactly the same way as Aphis Punk. Per package, of 24 sheets, 75c.; \$6.50 per box of 244 sheets.

To-Bak-Ine Liquid. Similar to Nicoticide, except that it comes in two distinct grades—fumigating and spraying, state which is wanted when ordering. Price of either: Per ¼ pt., 60c.; \$1.10 per ½ pt.; per pt., \$2.00; \$7.75 per ½ gal.; per gal., \$15.00.

Whale or Fish Oil Soap. For mild forms of Scale, and is an excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. It is nice for washing off Lemon trees, Oleanders, and almost anything that would be infested with a soft-shelled or in fact most any kind of insect. Dissolved in water according to various purposes. Per ½ lb., 10c.; 20c. per lb.; per 5 lbs., 60c.; \$1.10 per 10 lbs.; per 25 lbs., \$2.00; \$6.50 per 100 lbs.

Whale Oil Soap (Goods Caustic). Used extensively as a tree spray and as a summer remedy for San Jose Scale; it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. 20c. per 1-lb. can; 5-lb. can, 75c.; \$1.75 per 25-lb. can; 50 lbs., \$3.25; \$5.00 per 100 lbs.; 425-lb. bbl., \$17.00.

Wilson's Plant Oil. This is a soluble oil preparation, excellent for plant lice of all kinds. It is particularly valuable for greenhouses and conservatories, although it can be used to good advantage outdoors. Per pt., 40c.; 75c. per qt.; per gal., \$2.00.

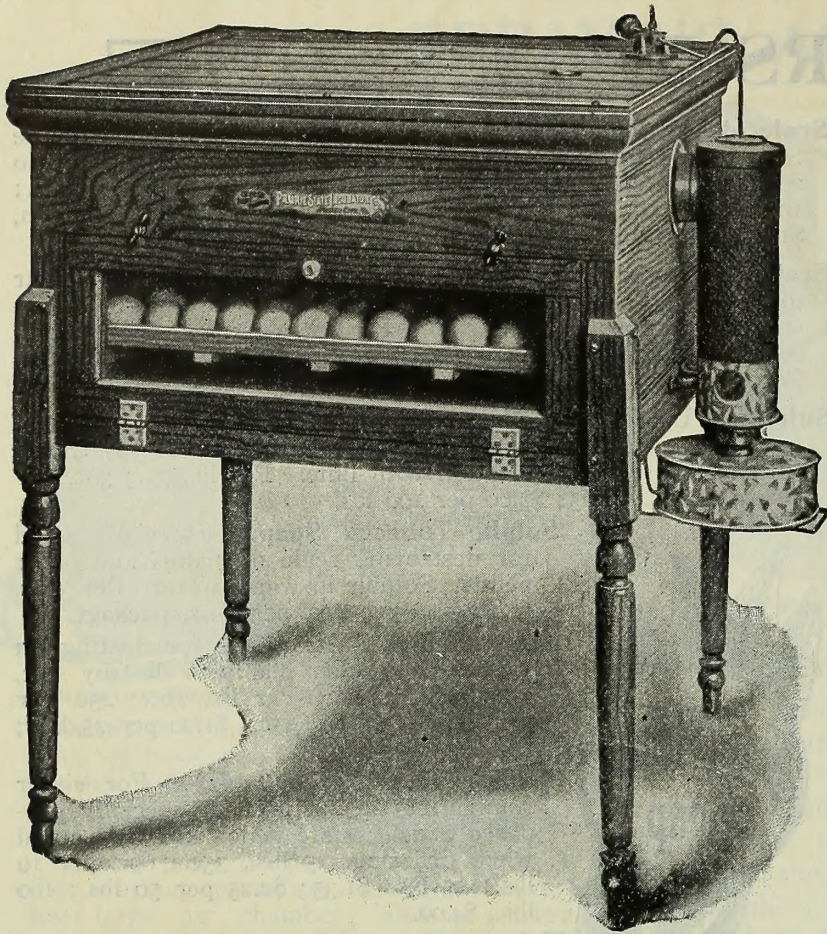
Vaporite. Vaporite kills all underground insects such as Wireworms, etc. 1 lb., 15c.; 60c. per 5 lbs.; 10 lbs., 90c.; \$2.00 for 25 lbs.; 50 lbs., \$3.75; \$6.50 per 100 lbs.

Yel-O-Bor-Kill. An excellent article for spraying against attacks of borers; fine remedy for the Yellows in peach trees; also for San Jose Scale. 40c. per qt.; per gal., \$1.50.

Note—On fumigating with Hydrocyanic—Acid Gas—Cyanide Potassium—Poison as given to us by a practical gardener. Put a tablespoonfull of water in a galvanized iron pail add to this 1 oz. of Sulphuric Acid wrap an ounce of Cyanide of Potassium in paper and place it in the bucket which should be placed near the door of the greenhouse to afford quick exit; the moment the Cyanide strikes the liquid it generates a poisonous gas which must not be inhaled. The above charge is sufficient for a house 20 x 100 ft. Don't open the greenhouse for at least 12 hours. One of the ventilating sash should be arranged so it can be opened from the outside to allow the fumes to escape entirely before entering. This is claimed to be the only and best remedy to absolutely kill the white fly. It is claimed that it will not injure the most delicate plant but the user should take great care of himself. We can supply all the ingredients for making this.

CALL OR SEND FOR BOOKLET ON SPRAYING

P1 (hh)



PRAIRIE STATE INCUBATORS

The Incubator offered here is to-day the most successful, the largest seller, and surest hatcher of any. Its reputation has not been built up quickly like some who have since retired into the field of unusefulness. The Prairie State user is always sure of his money's worth and that he will not have a lot of annoying worry attend the incubation of eggs. The Prairie State is as faultless as it is possible to make incubators. This is attested by our increasing large sales, and that we never have one returned as unsatisfactory. They all make good.

| | Hen Egg Capacity | Duck Egg Capacity | Price |
|---------------------------|---------------------------|-------------------|---------|
| No. 2 Junior | 115 | | \$15.00 |
| No. 0 Diffusive style | 100 | 75 | 18.00 |
| No. 1 | 150 | 115 | 22.50 |
| No. 2 | 240 | 200 | 32.00 |
| No. 3 | 390 | 300 | 38.00 |
| Keystone (Prairie State) | 60 | | 10.00 |
| Gem Incubator (Hot Water) | Capacity 60 hen eggs..... | | 6.00 |

THE UNIVERSAL HOVER

The name implies correctly what the Hover is. It can be attached to any old box, piano case or a brooder you may be using at the present time. Just the thing for one who wants the least expensive but at the same time most efficient brooding device. For equipping large or commercial poultry plants these will be found invaluable.

- Universal Hover, with lamp box, complete without regulator\$7.00
- Universal Hover, without lamp box, without regulator..... 6.00
- Regulator. For Hovers and Brooders 1.00

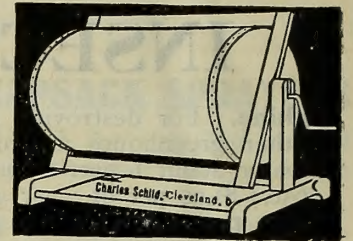
PRAIRIE STATE COLONY HOUSE BROODERS

- No. 1—3 feet wide, 6 feet long, 3 feet high in front, 2 feet high in back (without heat regulator)\$20.00
- No. 2—2½ feet wide, 5 feet long, 2½ feet high in front, 20 inches high in back (without heat regulator) 16.00
- No. 3—27 inches wide, 4 feet high, 28 inches high in front, 19 inches high in back (without heat regulator) 12.00
- Keystone Brooders, 50 chick capacity 8.00

POULTRY DUSTERS

These are excellent for ridding fowls of lice. Put a number of them in machine at one time, and a few turns does the work with the aid of a lice powder.

- No. 1. Small size\$2.50
- " 2. Medium size 3.00
- " 3. Large size 4.00

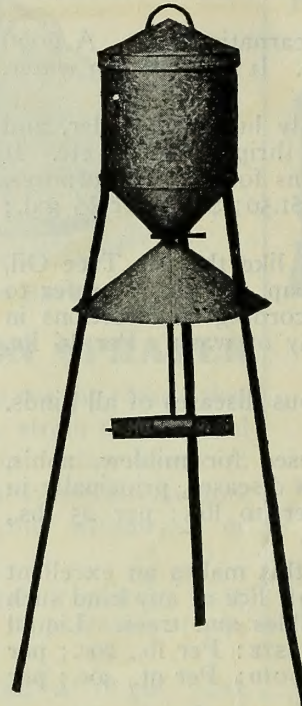


Lightning Poultry Duster

AUTOMATIC FEEDERS

In operating the Norwich Automatic Exercisor and Feeder, it is but necessary to fill the Hopper with such grain feed as may be desired, straight or mixed, filling the Feed Bar with either cracked corn or wheat, and adjust the valve at the bottom of the Hopper to feed in such quantities as desired. Set the machine anywhere in the yard, pen or house, give the Feed Bar a turn or two, and surprising as it may seem, in ten to fifteen minutes every hen in the flock will take in the situation and work it.

Another valuable feature is the fact that the Hopper being rain-proof, the feed is always dry and fresh. No matter how hard it rains not a drop of moisture can enter it. The Feed Bar, being under the Deflector, is protected from rain as if under an umbrella, and in consequence the feed in it is always dry and inviting. The Hopper being water-tight, is also dust-proof, so that if stood in the house, not a particle of dust can get on the feed and therefore nothing but clean grain is delivered.



Norwich Automatic Feeder

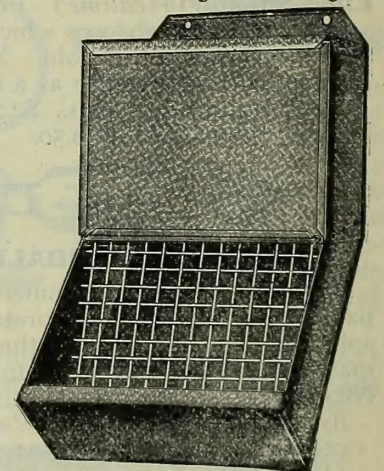
| No. | Capacity | Weight | Price |
|-------|----------------|---------|--------|
| No. 1 | 8-Quart Hopper | 15 lbs. | \$2.50 |
| 2 | 14 " " | 18 " | 3.25 |
| 3 | 20 " " | 22 " | 4.10 |
| 4 | 32 " " | 25 " | 5.00 |

"SEXTONS" DRY FEED HOPPER

Absolutely "Rat" and "Mouse" Proof

This Hopper is arranged to hang on the wall and never need be removed to be refilled.

It is impossible to waste any feed as the pan at the bottom catches any that may be picked out and dropped, the last grain is used. The body being covered keeps feed clean, and always dry.



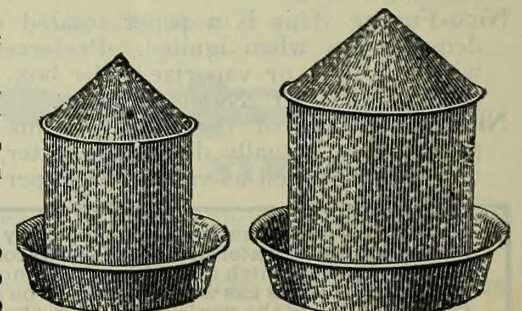
Sexton Hopper

| No. | Size | Each | Doz. |
|--------|--------------|-------|---------|
| No. 1, | Poultry size | \$.10 | \$11.00 |
| " 2, | Chicken size | .90 | 9.50 |

PHILADELPHIA POULTRY FOUNTAIN

From a sanitary standpoint, this is one of the best drinking fountains. The top or body is detached; it is thus easily cleaned. The cone top prevents the fowls from roosting on it.

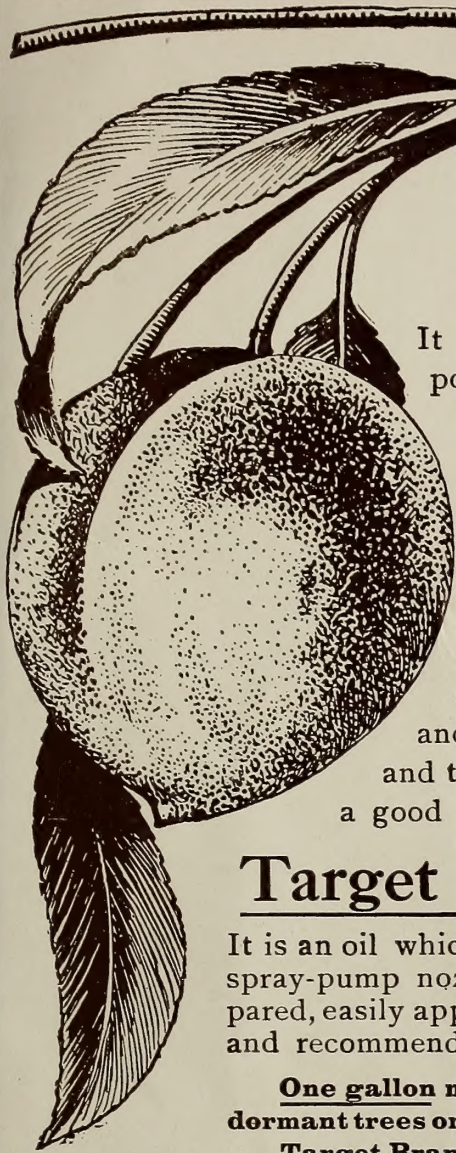
| Capacity | Each | per doz. |
|----------|------|----------|
| 2 qts. | 35c. | \$3.50 |
| 4 qts. | 50c. | 5.00 |
| 8 qts. | 75c. | 7.50 |



We carry in stock constantly a large variety of up-to-date APPLIANCES, FOODS AND REMEDIES used in poultry rearing.

FALL IS THE BEST TIME TO SPRAY

FOR PERFECT FRUIT



It will positively kill San José Scale without injury to the trees. Orchards treated with this preparation are freed from the ravages of scale and similar insects, and continue healthy and prolific. No skilled labor is required, and the only apparatus and material needed are a good spray-pump, water, and

Spray your trees—that is the only safe way. **SAN JOSÉ SCALE** and similar pests can no longer damage orchards to any appreciable extent, nor prevent an abundant fruit crop, if sprayed with

Target Brand Scale Destroyer

It is the most effective destroyer of Scale ever placed on the market.



Target Brand Scale Destroyer

It is an oil which is instantly soluble in water and passes through any spray-pump nozzles without clogging. It is economical, quickly prepared, easily applied and does its work rapidly and effectually. Endorsed and recommended by fruit-growers everywhere.

One gallon makes twenty gallons dilution ready to apply. For use on dormant trees only (while the leaves are off during fall, winter and spring).

Target Brand Scale Destroyer costs 35c. per qt., 65c. per half gal., \$1 per gal., \$3.75 per five gals., \$7.50 per 10 gals.; half bbl. 50 cts. per gal.; 50-gal. bbls. at 46 cts. per gal.

TESTS OF TARGET BRAND SCALE DESTROYER

Experiment on peach. Insect pest—San José Scale Remedy—Target Brand Scale Destroyer, 1 part to 20 parts water. Results 100 per cent. Killed all scale it touched.—MISSOURI STATE FRUIT EXPERIMENT STATION, Mountain Grove, Mo.

Experiment on Maple Scale. Remedy—Target Brand Scale Destroyer, 1 part to 15 parts of water. Results—Not more than one specimen found alive in 571 scale examined. Trees in good, healthy condition.—STATE ENTOMOLOGIST, Richmond, Va.

.A. H. D. C.

LIME-SULPHUR (Scalime)

This is now extensively used for spraying against scale; desirable for peach trees and other stone fruits. It is a fungicide as well as a scale destroyer, and is highly effective. Dilute for dormant trees 1 gal. to 12 gals. of water, either hot or cold. Mixes instantly and does not separate.

| | |
|-----------------------|--------|
| Pint can | \$0 15 |
| Quart can | 25 |
| ½-gal. can | 45 |
| 1-gal. can | 75 |
| 5-gal. can | 2 25 |
| 10-gal. can | 3 75 |
| 25-gal. bbl. | 6 50 |
| 50-gal. bbl. | 10 50 |



A fine Specimen of Peach Tree, Sprayed regularly against infection by San Jose Scale

Henry F. Mitchell Co.,

"EVERGREEN" SEED GARDENS, TORRESDALE, PA.



Market Street, Philadelphia

MICHELL'S GRASS SEEDS

MAKE FINE LAWNS IF SOWN
IN SEPTEMBER AND OCTOBER



MICHELL'S
GOLF COURSE GRASS SEED
\$ 3.00 PER BUSHEL

MICHELL'S SHADED
LAWN SEED

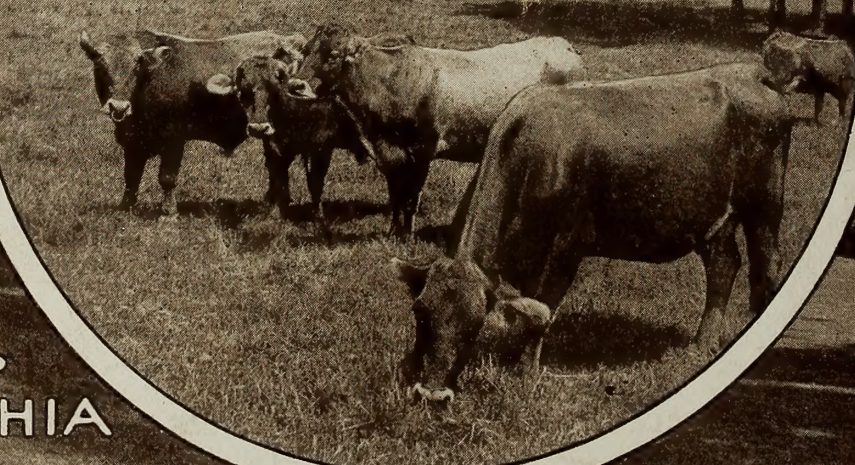
\$1.25 PER PECK
\$5.00 PER BUSHEL

MICHELL'S EVERGREEN
LAWN SEED

\$1.00 PER PECK
\$4.00 PER BUSHEL

MICHELL'S
PERMANENT PASTURE
GRASS SEED

\$2.75 PER BUSHEL



HENRY F. MICHELL CO.
518 MARKET ST., PHILADELPHIA